

Challenge for Service Providers: Integrating New Information Tools with Patent Data

Pierre BUFFET

ICIC, Vienna, 24-27 October 2010

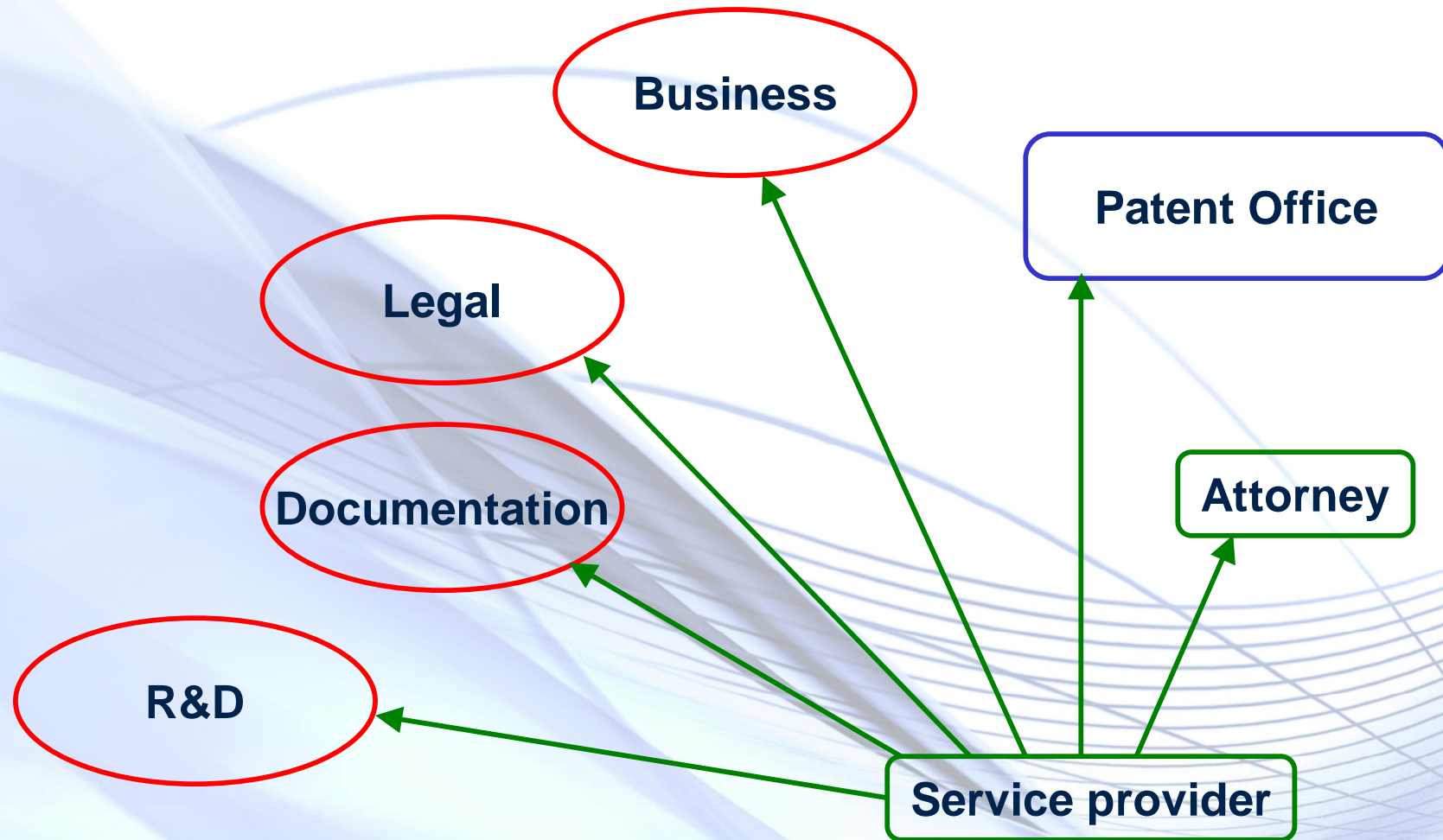
Integrating New Information Tools

- **What is a Patent**
- **Players**
- **Needs**
- **What is an Interface**
- **Issues to be addressed**

What is a Patent

- **A patent is an exclusive right granted for an invention**
 - **by a National or Multi-National Authority**
 - **to a Person or a Corporate Organization**
- **Right granted against the obligation to disclose the invention**

Players



Needs

For each player in the Company

- Searching
- Watching
- Post processing

For all players

- Worksharing and
- Workflow management

What is an Interface

- **A device between a user and services**
- **Very simple at the time of paper publications**
- **Rather basic in the early days of online services**
- **More and more sophisticated**

Issues to be addressed

- **Data**
- **Market segments**
- **Working environment**

Issues: Data

- **Sources**
 - **Document itself (Application, Granted Patent)**
 - **Register(published by Office)**
 - **File inspection**
- **Growing importance of Asia**
 - => *Multilingual sources***
- **More images**
 - => *Quick display***

Data: Growing importance of Asia & Latin America

Surgical cutting and fastening instrument with distally mounted pneumatically powered rotary drive member

(JP2008036431)

気体を動力とする回転駆動部材が遠位側に取り付けられた外科用切断／ファスナー器具

手動操作引戻し装置を備えた気体を動力とする外科用切断／ファスナー器具

改善された容量の貯蔵容器を備えた気体を動力とする外科用切断／ファスナー器具

交換可能な動力源を備えた気体を動力とする外科用切断／ファスナー器具

可聴音および視覚のフィードバック特徴部を備えた気体を動力とする外科用切断／ファスナー器具

エンドエフェクタとトリガー運動とを結合する機械的なリンクを備えた気体を動力とする外科用切断／ファスナー器具

(A) ПНЕВМОПРИВОДНОЙ ХИРУРГИЧЕСКИЙ ОТРЕЗНОЙ И ФИКСИРУЮЩИЙ АППАРАТ С ДИСТАЛЬНО УСТАНОВЛЕННЫМ ПНЕВМАТИЧЕСКИМ ВРАЩАТЕЛЬНЫМ ЭЛЕМЕНТОМ ПРИВОДА

(A) ПНЕВМОПРИВОДНОЙ ХИРУРГИЧЕСКИЙ ОТРЕЗНОЙ И ФИКСИРУЮЩИЙ АППАРАТ С РУЧНЫМ ОТВОДЯЩИМ УСТРОЙСТВОМ

(A) ПНЕВМОПРИВОДНОЙ ХИРУРГИЧЕСКИЙ ОТРЕЗНОЙ И ФИКСИРУЮЩИЙ АППАРАТ С МЕХАНИЧЕСКОЙ РЫЧАЖНОЙ ПЕРЕДАЧЕЙ, СВЯЗЫВАЮЩЕЙ ДВИЖЕНИЕ КОНЦЕВОГО ЭФФЕКТОРА И РЫЧАГА

(A) ПНЕВМОПРИВОДНОЙ ХИРУРГИЧЕСКИЙ ОТРЕЗНОЙ И ФИКСИРУЮЩИЙ АППАРАТ СО СМЕННЫМИ ИСТОЧНИКАМИ ЭНЕРГИИ

(A) ПНЕВМОПРИВОДНОЙ ХИРУРГИЧЕСКИЙ ОТРЕЗНОЙ И ФИКСИРУЮЩИЙ АППАРАТ С ЕМКОСТЬЮ ХРАНЕНИЯ УВЕЛИЧЕННОГО ОБЪЕМА

(A) ПНЕВМОПРИВОДНОЙ ХИРУРГИЧЕСКИЙ ОТРЕЗНОЙ И ФИКСИРУЮЩИЙ АППАРАТ С ФУНКЦИЯМИ АУДИО И ВИЗУАЛЬНОЙ ОБРАТНОЙ СВЯЗИ

远侧安装有气动旋转驱动构件的气动外科切割和紧固器械

具有手动操作的回缩装置的气动外科切割和紧固器械

具有改进的容积储存功能的气动外科切割和紧固器械

具有可替换的能量源的气动外科切割和紧固器械

带有听觉和视觉反馈元件的气动外科切割和紧固器械

气动外科切割和紧固器械

가청 및 시각적 피드백 특징을 갖는 공압 동력식 수술 절단 및 고정 기구

수동 조작식 철회 장치를 갖는 공압 동력식 수술 절단 고정 기구

원위 장착 공압 동력식 회전 구동 부재를 갖는 수술 절단 고정 기구

기계식 링크지 커플링 엔드 이펙터를 가지며 트리거 운동을 하는 공압 동력식 수술용 절단 고정 기구

수술 기구, 수술 기구의 처리 방법 및 가스 구동식 장치용 동력원

수술 기구 및 수술 기구의 처리 방법

instrumento de corte e de fixação cirúrgico ativado de forma pneumática com fontes de potência substituíveis

instrumento de corte e fixação cirúrgico energizado pneumáticamente com aparelho de retração manualmente operado

instrumento de corte e de fixação cirúrgico com membro de acionamento rotativo ativado de forma pneumática montado distalmente

instrumento de corte e fixação cirúrgico energizado pneumáticamente com armazenamento de volume aperfeiçoado

instrumento de corte e de fixação cirúrgico ativado de forma pneumática com efetuator final de acoplamento de ligação mecánico e movimento de gatilho

INSTRUMENTO QUIRURGICO DE CORTE Y SUJECION ACCIONADO NEUMATICAMENTE CON FUENTES DE ENERGIA REEMPLAZABLES.

INSTRUMENTO QUIRURGICO DE CORTE Y SUJECION ACCIONADO NEUMATICAMENTE, CON ALMACENAMIENTO DE VOLUMEN MEJORADO.

INSTRUMENTO QUIRURGICO DE CORTE Y SUJECION CON MIEMBRO DE IMPULSO ROTATIVO MONTADO DISTALMENTE Y ACCIONADO NEUMATICAMENTE.

Data: More Images

Orbit.com | Display | Add to | Export | Top | Citations | Translate | Compare | Save | Alert | Analyse | Logout

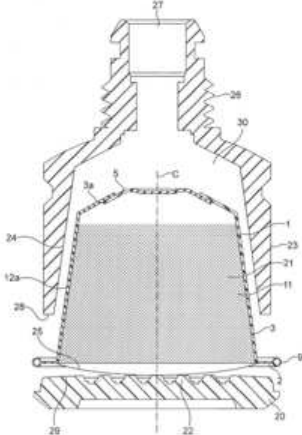
279 results for (COFFEE AND CAPSULE)/BI/TX AND ((NESTLE)/PA/OWR OR (NESTEC)/PA/OWR)

Preview | Drawings | Key Content

Select all records | Google | Sort by relevance

#	Title	Assignee	Publ. number	Pr. Date
<input type="checkbox"/>	Capsule with delaminatable injection means			
<input type="checkbox"/>	Capsule with integrated pierc			
<input type="checkbox"/>	Modular system with small fo			
<input type="checkbox"/>	Injection assembly and machi			
<input type="checkbox"/>	Transportable compact machi			
<input type="checkbox"/>	Transportable stand-alone m			

Capsule with delaminatable injection means



AB
(EP2210827)

The present invention proposes a **capsule** (1) for containing beverage ingredients comprising a sealed ingredient compartment (11), an inlet face (3a) and an outlet face (3b), said **capsule** (1) furthermore comprising an aperture (4) in the inlet face (3a) of the **capsule** (1), a membrane attached to the inner side of the portion of the inlet face (3a) surrounding the aperture, wherein the membrane is attached to the inlet face by a first circumferential section in a detachable sealing engagement.

III KOLLEP ALEXANDRE BOUSSEMART CHRISTOPHE S

PA NESTEC S A
NESTEC SA

PAH (EP2210827)
(A1) NESTEC SA (CH)

(US20100180775)
BOUSSEMART CHRISTOPHE S; FROM 20100114 TO 20100114
KOLLEP ALEXANDRE; FROM 20100114 TO 20100114
NESTEC S A; FROM 20100114

PA0 Nestec S.A.; Avenue Nestlé 55; 1800 Vevey (CH)

RP (EP2210827)
(A1) Rupp, Christian; Mitscherlich & Partner; Patent- und Rechtsanwälte

Page 1 of 6 | Record 13 of 279 | Displaying records 1 - 50 of 279

Issues: Market segments

- **R&D**
 - **Chemical, Biological:**
specific languages
 - **Electrical & Mechanical:**
importance of drawings
- **Legal:**
 - **Accurate text (claims)**
 - **Specific data (legal status)**
- **Business Intelligence**
 - **Statistical analysis & landscaping**

***Without forgetting the importance
of non English languages***

Electrical & Mechanical Importance of drawings

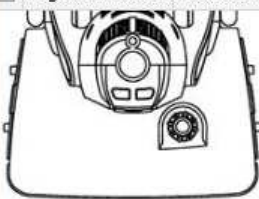
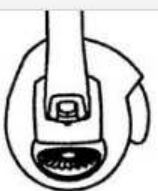

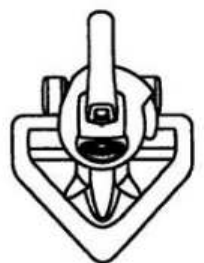




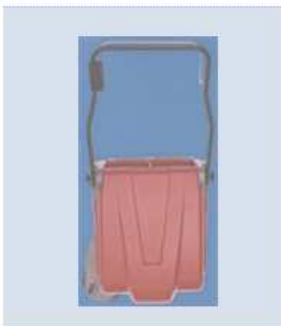
Orbit.com

List display Details Pane Export Save search Create an alert


571 results for (vacuum cleaner)/TI AND (CN/CCDB)







Select all records

Registration Number Publication Date

		
<input type="checkbox"/> 301123366	<input type="checkbox"/> 301117935	<input type="checkbox"/> 301112351
		
<input type="checkbox"/> 301112354	<input type="checkbox"/> 301105076	<input type="checkbox"/> 301105091
		
	<input type="checkbox"/> 301105121	

Vacuum cleaner (500E)

RGH	301105123
MyCCDB	 CN
OWH	Kazakhstan high factory limited liability company
FD	2009-03-24
PD	2010-01-06
CL	15-05



Page 1 of 12

Record 15 of 571

Displaying records 1 - 50 of 571

Legal: Text comparison

The screenshot shows the Orbit.com interface for comparing two patent documents. The 'Compare' button in the top navigation bar is circled in red. Below it, two document dropdown menus are also circled in red: 'EP2017220 A1 - Application published with search report' on the left and 'EP2017220 B1 - Patent specification' on the right. The main content area displays the text of claim 16 from both documents. The left version of claim 16 is enclosed in a red dashed box, and the right version is enclosed in a green dashed box. Red arrows point from the 'Compare' button to the dropdown menus, and from the dropdown menus to the respective claim text. A red circle highlights a vertical scrollbar on the right document's text area. At the bottom, a status bar shows 'Record 3 of 122' and 'Displaying records 1 - 50 of 122'.

Orbit.com

Back to list Add to Export Translate Compare

Menu Detail << Biblio Claims Description Concepts Full text Complete Image Drawings First Page Legal Status +>

Compare documents

Select on left and right parts the documents you want to compare

EP2017220 A1 - Application published with search report

EP2017220 B1 - Patent specification

Claims Description

which the cutter blade (101) can rotate.

11. A device according to any of Claims 1 to 10, characterized in that the means (6) for effecting passage of liquid through duct (69) comprises a pump which measures aliquots of the liquid through duct (69) and that means (78, 650, 650A) for driving the pump (6) are detachably connectable to the drive means (524) of base station (5).

12. A device according to Claim 11, characterized in that the device (3) has venting means comprising a valve (205) and opening means (543) arranged to be operable after or during the passage of liquid through the duct (69), said opening means comprising a piston (543) operated by the means (650, 650A, 191, 542) arranged on the base station.

13. A device according to any of Claims 1 to 12, characterized in that the device (3) further comprises a diluent inlet (71) with a diluent duct (70) and a mixing chamber (80), wherein the diluent duct (70) is positioned relatively to the liquid duct (69) for the diluent stream to intersect the liquid stream before or at the mixing chamber (80), whereby the metered liquid is mixed with a diluent to prepare a food product.

14. Package (2) for dispensing a liquid, comprising: a multi-dose container (4) to form a reserve of liquid and a dispensing device (3) which forms a cap connected to the container (4), characterized in that the dispensing device (3) is as defined in any of Claims 1 to 13.

16. Apparatus for dispensing a liquid comprising a package as defined in Claim 14 or Claim 15 docked in a base station (5) having drive means (541), the drive means being detachably connected to the means (103) for actuating the cutter (101) of dispensing device (3).

16. Apparatus for dispensing a liquid comprising a package as defined in Claim 14 or Claim 15 and a base station, the package being docked in the base station (5), said base station having drive means (541), the drive means being detachably connected to the means (103) for actuating the cutter (101) of dispensing device (3).

the base station (5) has a diluent supply (520) and the apparatus comprises diluent coupling means detachably connecting the diluent supply (520) to the diluent inlet (71) of the dispensing device (3).

18. A device according to any of Claims 1 to 13, characterized in that the means (103) for actuating the cutter are configured to be operable after or during the passage of liquid through the duct (69).

ES7D-061708B210

Record 3 of 122

Displaying records 1 - 50 of 122

Business Intelligence: Related concepts



INTELLIXIR

Documents Assignees Inventors Technologies Internal Classification Data crossing Mapping Graphic size: 1000px

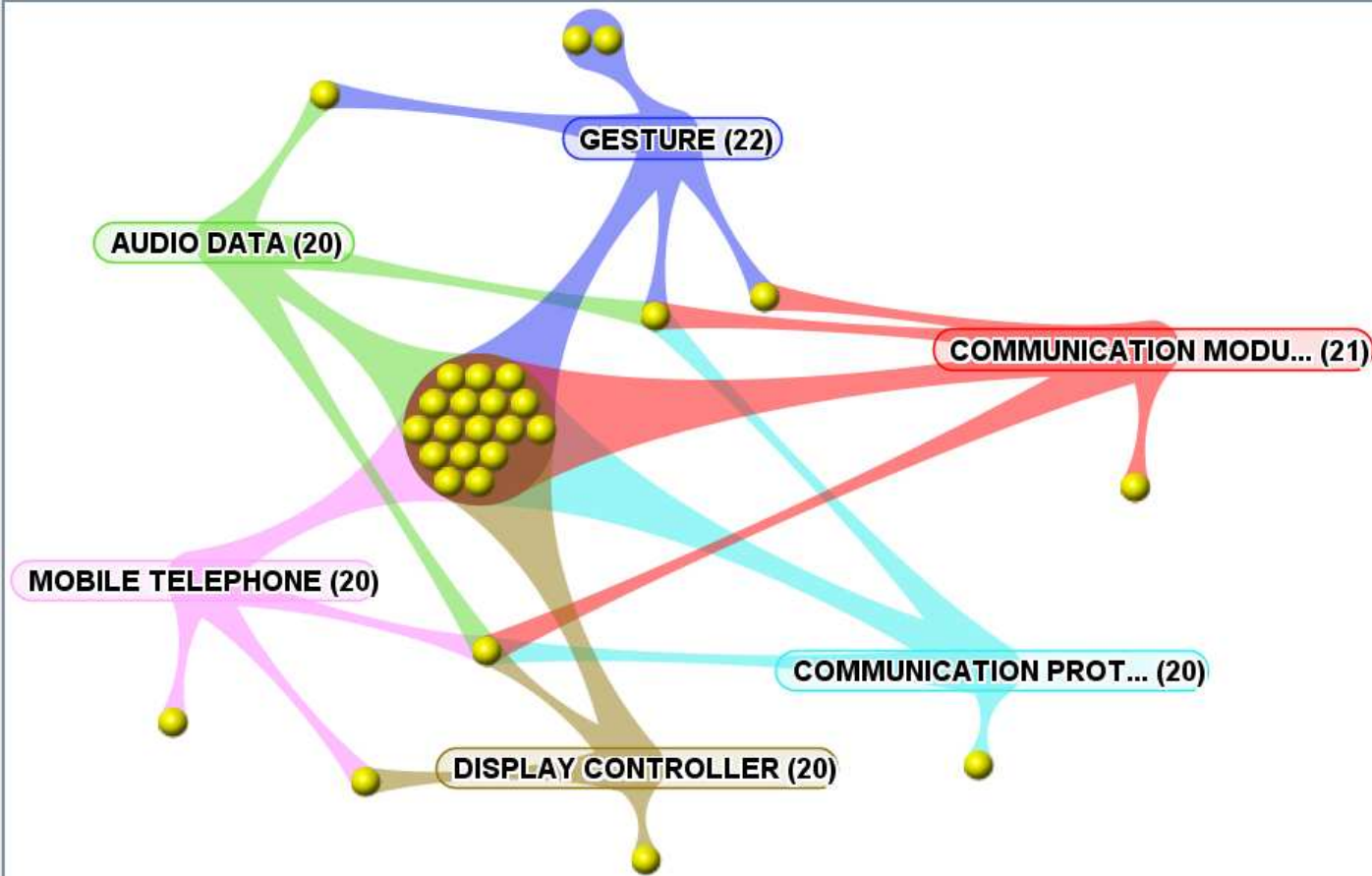
TOUCH_SCREEN/TI/AB ET ((MOV+ OU GEST+) PHR (RECOGN+ OU DETECT+))/TI/AB ET (COMPUTER? OU PDA OU +PHON+)/TI/AB

Cluster view for top concepts



Shape: Amoeba

Concepts	Count	Checked
AUDIO DATA	20	<input checked="" type="checkbox"/>
COMMUNICATION M...	21	<input checked="" type="checkbox"/>
COMMUNICATION P...	20	<input checked="" type="checkbox"/>
DISPLAY CONTROLL...	20	<input checked="" type="checkbox"/>
GESTURE	22	<input checked="" type="checkbox"/>
GRAPHICAL USER INT...	25	<input type="checkbox"/>
HEADPHONE	19	<input type="checkbox"/>
IEEE	19	<input type="checkbox"/>
LAPTOP COMPUTER	20	<input type="checkbox"/>
MICROPHONE	20	<input type="checkbox"/>
MOBILE TELEPHONE	20	<input checked="" type="checkbox"/>
PORTABLE ELECTRO...	22	<input type="checkbox"/>
SOFTWARE COMPON...	20	<input type="checkbox"/>
SUBSCRIBER IDENTIT...	19	<input type="checkbox"/>
TOUCH SCREEN DISP...	21	<input type="checkbox"/>
TOUCH SENSITIVE DIS...	21	<input type="checkbox"/>
TOUCH SENSITIVE SU...	20	<input type="checkbox"/>
TOUCHPAD	22	<input type="checkbox"/>
USER INTERFACE	22	<input type="checkbox"/>
WIRELESS COMMUNIC...	20	<input type="checkbox"/>



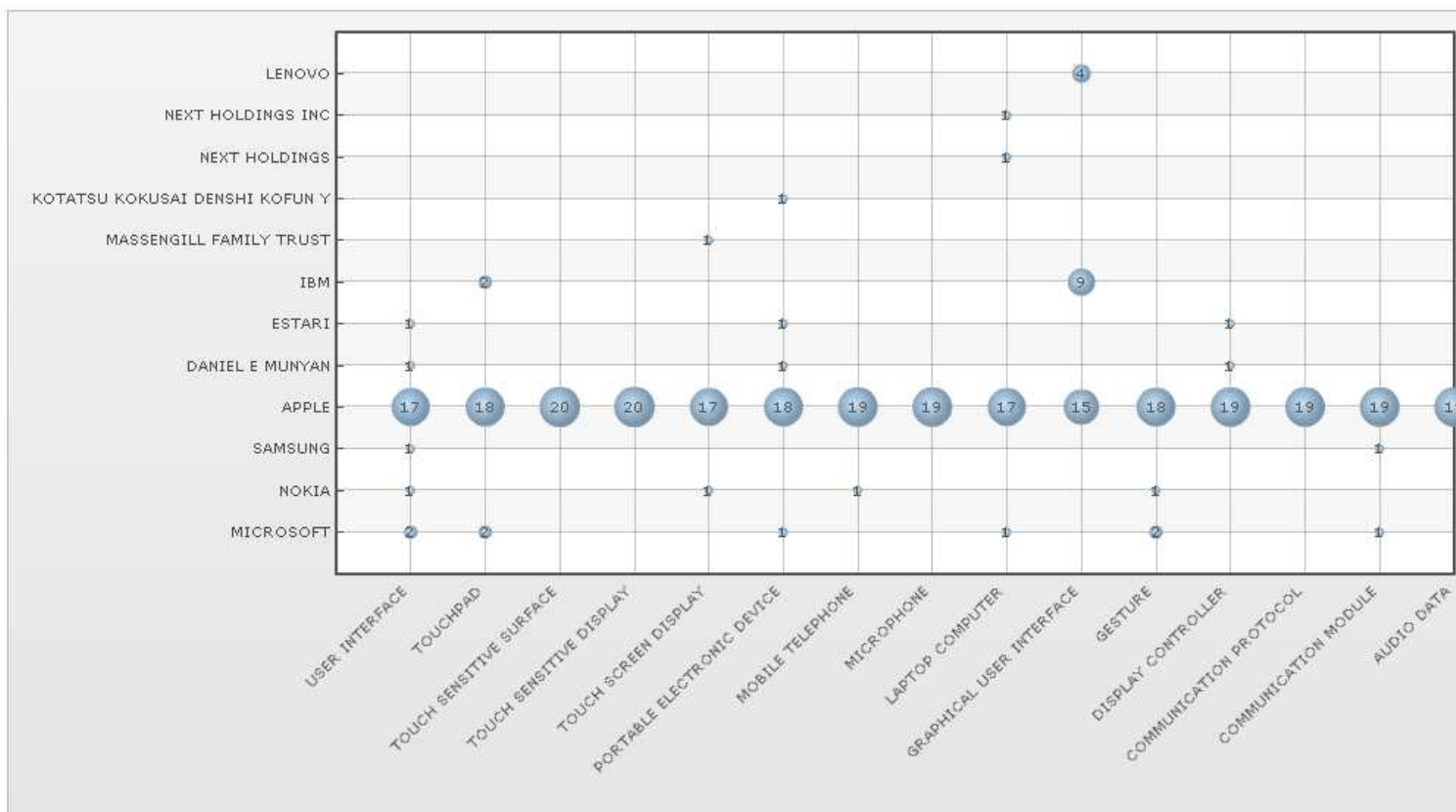
Business Intelligence: Who is doing what



Documents Assignees Inventors Technologies Internal Classification Data crossing Mapping Graphic size: 1000px

TOUCH_SCREEN/IIAB ET ((MOV+ OU GEST+) PHR (RECOGN+ OU DETECT+))/IIAB ET (COMPUTER? OU PDA OU +PHON+)/IIAB

Bubble graph for Assignees/Concepts



Issues: Working environment

- **Workstation & software**
- **Language**
- **Interaction & Navigation**
 - **With system**
 - **With Help Desk**
 - **Should be fast and easy**
- **Evolution over time**
- **Business model**
 - **Pay-as-you go is not applicable**

Working environment: Workstation and software

- **Standard PC**
 - Windows
 - Apple
 - **Standard Web browser**
 - **NO specific software**
 - **Customizable**
 - Screen format
 - User profile
- => *Minimum IT requirements
and reduced maintenance***

Customizable workstation: Screen format, windowing

The screenshot displays the Orbit.com patent search interface. The top navigation bar includes options like 'Back to list', 'Add to', 'Export', 'Translate', and 'Compare'. Below this is a secondary menu with 'Menu', 'Detail', 'Biblio', 'Claims', 'Description', 'Concepts', 'Fulltext', 'Kwic', 'Complete', 'Image', 'Drawings', 'First Page', and 'Legal Status'. The left sidebar contains search filters and session management options. The main content area shows search results for a patent related to a capsule for beverage production. A technical drawing, labeled 'FIG. 1', is displayed on the right side of the interface. A red double-headed arrow is positioned below the drawing, indicating its width or zoom level. Red circles highlight the left and right navigation arrows in the secondary menu.

Search Patents...

Searches

- General search
- Number search
- Citation search

My Session

- Search history
- Search results
- Cost estimator

Past Sessions

- Previous History
- Previous Analysis

My Searches

- My saved searches
- My alerts

My Lists

- Quicklist (0)
- Nanofiltmilk (90)

Cap with filter for preparing a liquid nutritional or food composition and related beverage production system

AB
(EP2236437)
A **capsule** (1) for use in a beverage production device, the **capsule** containing ingredients to produce a nutritional or food liquid when a liquid is fed into the **capsule** at an inlet face thereof, the **capsule** being provided with a filter (4) having a plurality of filtering orifices (6), wherein it comprises a flow collection member (5) placed downstream of the filter to collect the filtered liquid from the filtering orifices. The collection member comprises at least one restriction orifice to focus the flow of liquid in at least one jet of liquid at high velocity in the compartment (8) containing the ingredients. The invention is particularly advantageous for producing a nutritional liquid (e.g., infant formula) or a food from powdered ingredients.

III
ROULIN ANNE EPARS YANN ABRAHAM SOPHIE DOLEAC FREDERIC MARTIN VINCENT WYSS
HEINZ PLEISCH HANSPETER BEZET NICOLAS BIZET BRUNO DODAN NIHAN

PA
NESTEC SA

PA0
Nestec S.A.; IP Dept. - Patents Avenue Nestlé 55, 1800 Vevey (CH)

Published As

	Publ. number	Pub. date	Appl. number	Appl. date	Publ. Stage	Links
	EP2236437	20101006	2009EP-0156782	20090331	A1 - Application published with sr	
	WO2010112353	20101007	2010WO-EP53652	20100319	A1 - International publication with	

PR
2009EP-0156782 20090331

IC
A47J-031/40
B65D-085/804

ICAA
B65D-085/804 [2006-01 A F I B H EP]
A47J-031/40 [2006-01 A L N B H EP]

ICCA
B65D-085/804 [2010 C F I B H EP]
A47J-031/40 [2010 C L N B H EP]

EC
B65D-085/804B

FIG. 1

Customizable workstation: Screen format, windowing

The screenshot displays the Orbit.com patent database interface. The top navigation bar includes options like 'Biblio', 'Claims', 'Description', 'Concepts', 'Fulltext', 'Kwic', and 'Complete'. The main content area shows a patent entry for a capsule with a filter, including its abstract, IPC class (A1), inventor (ROULIN ANNE EPARS YANN ABRAHAM SOPHIE DOLEAC FREDERIC MARTIN VINCENT WYSS HEINZ PLEISCH HANSPETER BEZET NICOLAS BIZET BRUNO DODAN NIHAN), applicant (NESTEC SA), and publication information. A technical drawing labeled 'FIG. 1' is shown on the right, illustrating a cross-section of the capsule with various components numbered 1 through 22. A red box labeled 'zoom' is positioned over the drawing, and a red double-headed arrow is located below it.

Cap with filter for preparing a liquid nutritional or food composition and related beverage production system

AB
(EP2236437)









A **capsule** (1) for use in a beverage production device, the **capsule** containing ingredients to produce a nutritional or food liquid when a liquid is fed into the **capsule** at an inlet face thereof, the **capsule** being provided with a filter (4) having a plurality of filtering orifices (6), wherein it comprises a flow collection member (5) placed downstream of the filter to collect the filtered liquid from the filtering orifices. The collection member comprises at least one restriction orifice to focus the flow of liquid in at least one jet of liquid at high velocity in the compartment (8) containing the ingredients. The invention is particularly advantageous for producing a nutritional liquid (e.g., infant formula) or a food from powdered ingredients.

III ROULIN ANNE EPARS YANN ABRAHAM SOPHIE DOLEAC FREDERIC MARTIN VINCENT WYSS HEINZ PLEISCH HANSPETER BEZET NICOLAS BIZET BRUNO DODAN NIHAN

PA NESTEC SA

PA0 Nestec S.A.; IP Dept. - Patents Avenue Nestlé 55, 1800 Vevey (CH)

Published As

Publ. number	Pub. date	Appl. number	Appl. date	Publ. Stage	Links
EP2236437	20101006	2009EP-0156782	20090331	A1 - Application published with search	   
PCT WO2010112353	20101007	2010WO-EP53652	20100319	A1 - International publication with intern	   

PR
2009EP-0156782 20090331

IC
A47J-031/40
B65D-085/804

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B65D-085/804 [2006-01 A F I B H EP]
A47J-031/40 [2006-01 A L N B H EP]

ICCA
B65D-085/804 [2010 C F I B H EP]
A47J-031/40 [2010 C L N B H EP]

EC
B65D-085/804B

FIG. 1

Customizable workstation: User profile

The screenshot displays the Orbit.com interface. At the top, a navigation bar includes tabs for 'Biblio', 'Claims', 'Description', 'Concepts', 'Fulltext', 'Kwic', and 'Complete'. A red circle highlights this navigation bar. Below it, a search result for a patent titled 'Capsule with filter for preparing a liquid nutritional or food composition and related beverage production system' is shown. The 'Image' tab is highlighted with a red circle, and a red arrow points to a technical drawing of a capsule. Two red boxes highlight the 'User settings' menu on the left and the 'Image' tab's customization options on the right. The 'User settings' menu includes 'General', 'Display', 'Change password', 'Workfiles', and 'Usage history'. The 'Image' tab's customization options include 'Reset to default', 'Biblio', 'Claims', 'Description', 'Key Content', 'Concepts', 'Fulltext', 'Kwic', 'Legal Status', 'Citations', 'Image', 'Drawings', 'First Page', and 'Complete'. The 'Image' tab is currently selected, and the 'Image' option is checked. The 'Legal Status' option is also checked. The 'Complete' option is checked. The 'Citations' option is not checked. The 'Key Content' option is not checked. The 'Concepts' option is checked. The 'Fulltext' option is checked. The 'Kwic' option is checked. The 'Legal Status' option is checked. The 'Citations' option is not checked. The 'Image' option is checked. The 'Drawings' option is not checked. The 'First Page' option is not checked. The 'Complete' option is checked.

User settings menu:

- General
- Display
- Change password
- Workfiles
- Usage history

Image tab customization options:

- Reset to default
- Biblio
- Claims
- Description
- Key Content
- Concepts
- Fulltext
- Kwic
- Legal Status
- Citations
- Image
- Drawings
- First Page
- Complete
- Biblio
- Claims
- Description
- Key Content
- Concepts
- Fulltext
- Kwic
- Legal Status
- Citations

Working environment: Language

- **User interface**
- **Database(s):
Machine Translation**
- **Query:
Cross language**
- **Answers:
On the fly Machine Translation**

User interface language



The screenshot shows the Questel Intellectual Property Portal website. At the top, there is a navigation bar with the Orbit.com logo and several utility links: SSL (略号化) バージョン, DB収録情報, and 法人サイト. A language selection menu is circled in red, showing flags for Japanese and English. To the right of the language menu are links for 'アカウントをお持ちですか?' and 'パスワードをお忘れですか?'. The main content area features a 'Welcome to Questel Intellectual Property Portal' message, a 'NEWS!' section, and a notification about new features available on October 4th. Below this is a navigation menu with options: 検索, 監視, 簡易検索, ワークファイル, ダウンロード, and リーガルサービス. The main content area is divided into several sections: '国内移行欧州特許の権利化サポート', 'リーガルステータス', '包袋', and 'IP侵害訴訟', each with a list of services and icons. A sidebar on the left provides direct access to various search and legal services. The footer contains technical requirements and copyright information.

Orbit.com

SSL (略号化) バージョン DB収録情報 法人サイト

アカウントをお持ちですか? パスワードをお忘れですか?

確認

04301:05
読み込み中

又は、次へ直接アクセス:

検索
特許
意匠
この検索で発注

監視
特許 & 意匠
リーガルステータス

特許簡易検索

ワークファイル

ダウンロード
公報
包袋

リーガルサービス
欧州特許権利化サポート
リーガルステータス
包袋
IP侵害訴訟

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NEWS!

Discover the new features available on October 4th on the orbit.com portal.
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検索 監視 簡易検索 ワークファイル ダウンロード リーガルサービス

国内移行欧州特許の権利化サポート

- 欧州特許の各国内移行後の権利化サポートサービス。
- 発注前のお見積金額の確認が可能。

リーガルステータス

- 特許ファミリーの変更、リーガルステータス、8官庁(拡張中)の審査経過を自動監視。
- 特許ファミリーおよびリーガルステータスの確認に割く貴重な時間を節約したい法律業務、特許情報の専門家へ。

包袋

- 特許庁と発明者代理人間で交わされた全文書入手(索引付き、文書内検索可能)。
- ダウンロード、履歴、メール、共有

IP侵害訴訟

- 米国の訴訟事件、訴状および特許関連ドキュメント(事件記録簿)の検索。
- 製品名、原告、被告名、等で検索。

推奨利用環境: Internet Explorer 8 又は Firefox 3.5, 1280x1024, Acrobat reader 9, Java 1.6 - 著作権 Questel 2010, all rights reserved

Cross Search in multiple languages

The screenshot displays the Orbit.co search interface. At the top, a search bar contains the text "boite de vitesse". A dropdown menu above the search bar is set to "Title, Abstract, Key Content". A red circle highlights a button with three dots and the text "E.g.:Telecom+ OR phone".

A "Wizard" dialog box titled "Multilingual search wizard" is open in the foreground. It contains the following text and options:

The Multilingual Assistant suggests a list of subject sensitive synonyms and concepts with their translations, based on your search strategy.

- boîte de vitesse**
 - Industries manufacturières** (*Industries manufacturières*)
 - German**
 - Gangwechsel
 - Getriebe
 - English**
 - gear box
 - gear shifter
 - gearbox
 - shift
 - French**
 - boîte à vitesse
 - changement de vitesse

Buttons for "Ok" and "Cancel" are located at the bottom right of the wizard dialog.

Machine Translation of the answer

Orbit.com

Back to list Add to Export Translate

English
German
Spanish
French
Italian
Chinese
Japanese
Korean
Others

(CN101712516)
Technologie
L'invention appartient au domaine de l'ingénierie de l'environnement de la technologie de recyclage de l'eau, se rapporte à un dispositif de traitement de l'eau, se rapporte notamment à une mine de charbon par le dispositif de traitement des eaux d'exhaure et la méthode de la profondeur.
Contexte Art
ressources de la Chine abondantes de charbon, a longtemps été d'énergie primaire de la Chine sous la forme de production et de consommation pour compte de 2 / 3 ou plus à l'avenir pour une longue période de temps, dominée par le charbon situation de l'approvisionnement énergétique ne changera pas. mines de charbon en Chine sont principalement situées dans l'est, nord, nord, nord-ouest, et d'autres zones sèches, traitement de l'eau des mines utilisées dans la production et la vie après la pénurie d'adresse de retour eau de la mine est devenu l'un des principaux, la politique énergétique nationale de conservation et de l'eau de la mine " l'utilisation des régimes spéciaux, "les exigences spécifiques. mine de charbon de Chine, y compris de l'eau pulvérisée de suppression des poussières équipements tels que le refroidissement et la préparation de l'émulsion. pulvérisation d'eau poussière qui est plus grand mais moins exigeante de qualité de l'eau, généralement grâce à la purification de l'eau de la mine peut être atteint, et l'équipement de refroidissement, émulsion préparée seule une petite partie de cette eau, mais exigent une meilleure qualité de l'eau , la nécessité pour le dessalement afin de parvenir à "dessin ou modèle industriel de l'eau de refroidissement» et «les sociétés minières du charbon en charge la norme - les supports hydrauliques (colonnes) avec de l'huile émulsionnée, concentre ses haute teneur en eau liquide hydraulique MT76-2002" dans le pertinentes exigences. À l'heure actuelle, un tel traitement de l'eau des mines et de l'utilisation de deux manières principales, l'une en face de la purification de l'eau des mines, après élimination des matières en suspension dans la production des mines de charbon, conduit souvent à l'exploitation mécanisée, encrassement des équipements entièrement mécanisé, la corrosion, blocage de tuyaux et de

Publ. number	Publ. date	Appl. number	Appl. date	Publ. Stage
CN101712516	20100526	2009CN-0252607	20091125	A - Unexamined

Record 3 of 334

Working environment: Interaction & Navigation

- **Should be fast**
- **Should be flexible**
- **Should be tailored**
- **Should evolve over time**

Interaction & Navigation Should be fast

For:

- **Navigating (e.g. search / display)**
- **Browsing hit lists**
- **Image display**

Using:

- **Appropriate IT techniques**
- **Short cuts**

Interaction & Navigation Should be fast

The screenshot shows the Orbit.com patent search interface. The search results are displayed in a table with columns for record number, title, assignee, publication number, and date. The search criteria are "(COFFEE AND CAPSULE?)/BI/TX AND ((NESTLE)/PA/OWR OR (NESTEC)/PA/OWR)".

Annotations highlight the following features:

- Direct search input:** A red circle around the search input field in the top left.
- Keyboard shortcuts:** A red circle around the "Key assist list" dropdown menu on the right side of the interface.
- Browsing hit list with mouse:** A red circle around the pagination controls at the bottom of the page, showing "Page 1 of 7" and "Record 1 of 302".

#	Title	Assignee	Publ. number	Pr. Date
1	Capsule with filter for preparing a liquid nutritional or food composition and related beverage production system			
2	Container for packaging	NESTEC SA	EP2236264	2009-03-
3	Use of an extract wolfberry for the treatment of the disorders of the cuir chevelu [machine translation]	NESTEC SA; OREAL	FR2943248	2009-03-
4	Pump mount in a beverage preparation machine	NESTEC SA	WO2010108700	2009-03-
5	Capsule with filtering insert for preparing a coffee beverage	NESTEC SA	EP2230195	2009-03-
6	Coffee machine and capsule holder	NESTLE SA; SOCIETE DES PRODU	USD623463	2009-05-
7	Cosmetic use of hesperidin. [machine translation]	NESTEC SA; OREAL	FR2942720	2009-03-
8	Cosmetic use of an extract of wolfberry for treating scalp disorders	NESTEC SA; OREAL	WO2010103472	2009-03-
9	Optical level detector for a beverage machine	NESTEC S A; NESTEC SA	EP2228633	2009-03-
10	Brewing device for capsule with closure mechanism of variable transmission ratio	NESTEC SA	EP2225975	2006-05-
11	Heating device with a multi powering configuration	NESTEC SA	US2010206865	2009-02-
12		NESTEC SA	WO2010089329	2009-02-
13		NESTEC SA	EP2210504	2009-01-27
14	Composition comprising tartaric acid and/or derivatives thereof	NESTEC SA	EP2210505	2009-01-27
15	Capsule with delay-inatable injection means	NESTEC S A; NESTEC SA	US2010180775	2009-01-22

Interaction & Navigation Should be flexible

Web Browser- Application compatibility

The screenshot shows the Orbit.com website in a Mozilla Firefox browser. The browser's address bar contains the URL <http://www.orbit.com/#PatentDocumentPage>. The Orbit.com navigation bar includes a search bar, a 'Back to list' button (circled in red), and various utility buttons like 'Add to', 'Export', 'Translate', and 'Compare'. The main content area displays a patent document for a 'Capsule with filter for preparing a liquid nutritional or food composition and related beverage production system'. The document includes the title, abstract, inventors (ROULIN ANNE EPARS, YANN ABRAHAM SOPHIE DOLEAC, FREDERIC MARTIN VINCENT WYSS, HEINZ PLEISCH, HANSPETER BEZET, NICOLAS BIZET, BRUNO DODAN, NIHAN), applicant (NESTEC SA), and publication information. A table of publications is shown below the text. On the right side, there is a technical drawing labeled 'FIG. 1' showing a cross-section of a capsule with various numbered components (1-22). At the bottom of the page, a navigation bar shows 'Record 1 of 302' (circled in red) and 'Displaying records 1 - 5'. The 'Freedom to Operate' logo is visible in the bottom left corner.

orbit.com - Mozilla Firefox

Fichier Édition Affichage Historique Marque-pages Outils ?

http://www.orbit.com/#PatentDocumentPage

orbit.com

Orbit.com

Back to list Add to Export Translate Compare

Menu Detail Biblio Claims Description Key Content Concepts Fulltext Image Drawings First Page

Search Patents...

Searches

- General search
- Number search
- Citation search

My Session

- Search history
- Search results
- Cost estimator

Past Sessions

- Previous History
- Previous Analysis

My Searches

- My saved searches
- My alerts

My Lists

- Quicklist (0)
- Nanofilmk (90)

New Empty

Capsule with filter for preparing a liquid nutritional or food composition and related beverage production system

AB
(EP2236437)

A **capsule** (1) for use in a beverage production device, the **capsule** containing ingredients to produce a nutritional or food liquid when a liquid is fed into the **capsule** at an inlet face thereof, the **capsule** being provided with a filter (4) having a plurality of filtering orifices (5), wherein it comprises a flow collection member (5) placed downstream of the filter to collect the filtered liquid from the filtering orifices. The collection member comprises at least one restriction orifice to focus the flow of liquid in at least one jet of liquid at high velocity in the compartment (8) containing the ingredients. The invention is particularly advantageous for producing a nutritional liquid (e.g., infant formula) or a food from powdered ingredients.

III ROULIN ANNE EPARS YANN ABRAHAM SOPHIE DOLEAC FREDERIC MARTIN VINCENT WYSS HEINZ PLEISCH HANSPETER BEZET NICOLAS BIZET BRUNO DODAN NIHAN

PA NESTEC SA

PA0 Nestec S.A.; IP Dept. - Patents Avenue Nestlé 55; 1800 Vevey (CH)

Published As

Publ. number	Pub. date	Appl. number	Appl. date	Publ. S Links
EP2236437	20101006	2009EP-0156782	20090331	A1 - A
PCT WO2010112353	20101007	2010WO-EP53652	20100319	A1 - In

PR
2009EP-0156782 20090331

IC
A47J-031/40
B65D-085/804

Record 1 of 302

Displaying records 1 - 5

FIG. 1

Freedom to Operate

Interaction & Navigation Should be tailored

non expert

Quick search

Keywords

Keywords:

E.g.: Collapsible keyboard, unfoldable keyboard



Names:

E.g.: Fleming, Microsoft



*Names can be company name, assignee or inventor.
For inventor write names as: Last name first name
Separate multiple names by comma.*

Restriction

Date:



Search

Clear

Interaction & Navigation Should be tailored: R&D

The screenshot shows a search results page on Orbit.com. At the top, a red box highlights the search term "Hit List: images". Below this, a grid of search results is displayed, each with a checkbox and a thumbnail image. One result, "Expandable keyboard for...", is highlighted with a blue box. A blue arrow points from this box to a larger blue box containing the text "Record detail: Key concepts to refine the search". To the right of the grid, a list of key concepts is shown, with several terms highlighted in yellow and blue. The page footer indicates "Page 1 of 133" and "Record 6 of 3319".

Orbit.com Display

Hit List: images

Select all records

Collapsible laptop computer

Computer keyboard protection

Collapsible keyboard

Expandable and contractible

Flat screen display stand

Expandable keyboard for portable computers

Collapsible keyboard

ALPHABETIC KEYPAD | ALPHANUMERICAL KEYPAD | ALREADY FILLY | CATCH MECHANISM | CAVITY REGION | CHANNEL | COLLAPSIBLE KEYBOARD | COMPRESSED KEYBOARD | COMPRESSED KEYBOARD LAYOUT | COMPRESSED KEYPAD LAYOUT | COMPUTER KEYBOARD ASSEMBLY | COMPRESSED KEYBOARD THICKNESS | CONFINED AREA | CROWDED AIRPLANE | CURSOR KEY | DEDICATED FUNCTION KEY | DEFAULT KEYBOARD HOUSING | DEPLOYED CONFIGURATION | DESK KEYBOARD | DESK STANDARD KEYBOARD | DESK TOP KEYBOARD | DESK TOP STANDARD KEYBOARD | DROP DOWN | DROP DOWN LEG MEMBER | DUPLICATE CURSOR | DUPLICATED CURSOR | DUPLICATED KEY | EASY MANIPULATION | ELECTRICAL WIRING | EXPANDABLE COMPUTER KEYBOARD | EXPANDABLE KEYBOARD | EXPANDED KEYBOARD | FOLDABLE KEYBOARD | FULL KEYBOARD LAYOUT | HOOK MEMBER | IDENTICAL KEYBOARD LAYOUT | IDENTICAL LATCH MECHANISM | INTEGRATION | KEY | KEYBOARD | KEY CONFIGURATION | KEY MANIPULATION | KEY NUMERIC KEYPAD | KEYBOARD ASSEMBLY DESIGN | KEYBOARD DEPLOYMENT METHOD | KEYBOARD HOUSING OPENING | KEYBOARD HOUSING SURFACE | KEYBOARD LATERAL DIMENSION | KEYBOARD MEMBER | KEYBOARD OVERALL LATERAL DIMENSION | KEYBOARD SECTION | KEYBOARD SIZE | LATCH MECHANISM | LATCH MEMBER | LED KEY INDICATOR | LEG MEMBER | MOVEMENT KEYBOARD | NESTED FASHION | NESTED KEYBOARD SECTION TELESCOPE | NESTED MANNER | NESTING FASHION | NUMERIC KEY ARRANGED | PACKED COMPUTER KEYBOARD | QWERTY KEYBOARD | SECTION TELESCOPE | SHOW | SIMPLIFIED CUTAWAY | STORAGE CONFIGURATION | STORED CONFIGURATION | STORED KEYBOARD SECTION | STORED POSITION | TELESCOPING MANNER | UNFOLDED KEYBOARD | USER FRIENDLY FASHION | USER FRIENDLY KEYPAD LAYOUT | USER FRIENDLY LAYOUT | USER LARGE KEYBOARD AREA | USING FLEXIBILITY | WHEEL

Record detail: Key concepts to refine the search

Page 1 of 133

Record 6 of 3319

Displaying records 1 - 25 of 3319

Interaction & Navigation Should evolve over time

- Over time, some functions for experts become well known:
=> *Beginners become experts*
- **Contradiction in requests**
 - More possibilities**Versus**
 - Simplicity

Conclusion

- **Interface is key between**
 - **Users**
 - **Information Services**
- **It should offer**
 - **Many possibilities**
 - **In a very simple and intuitive way**
 - **Tailored to each one**
 - **Taking care of his or her evolution**
 - **Without complex end-user software**

**To Keep It Simple Stupid
Is a Complex Task...
... Never finalized**

Thank you

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Portal: www.orbit.com