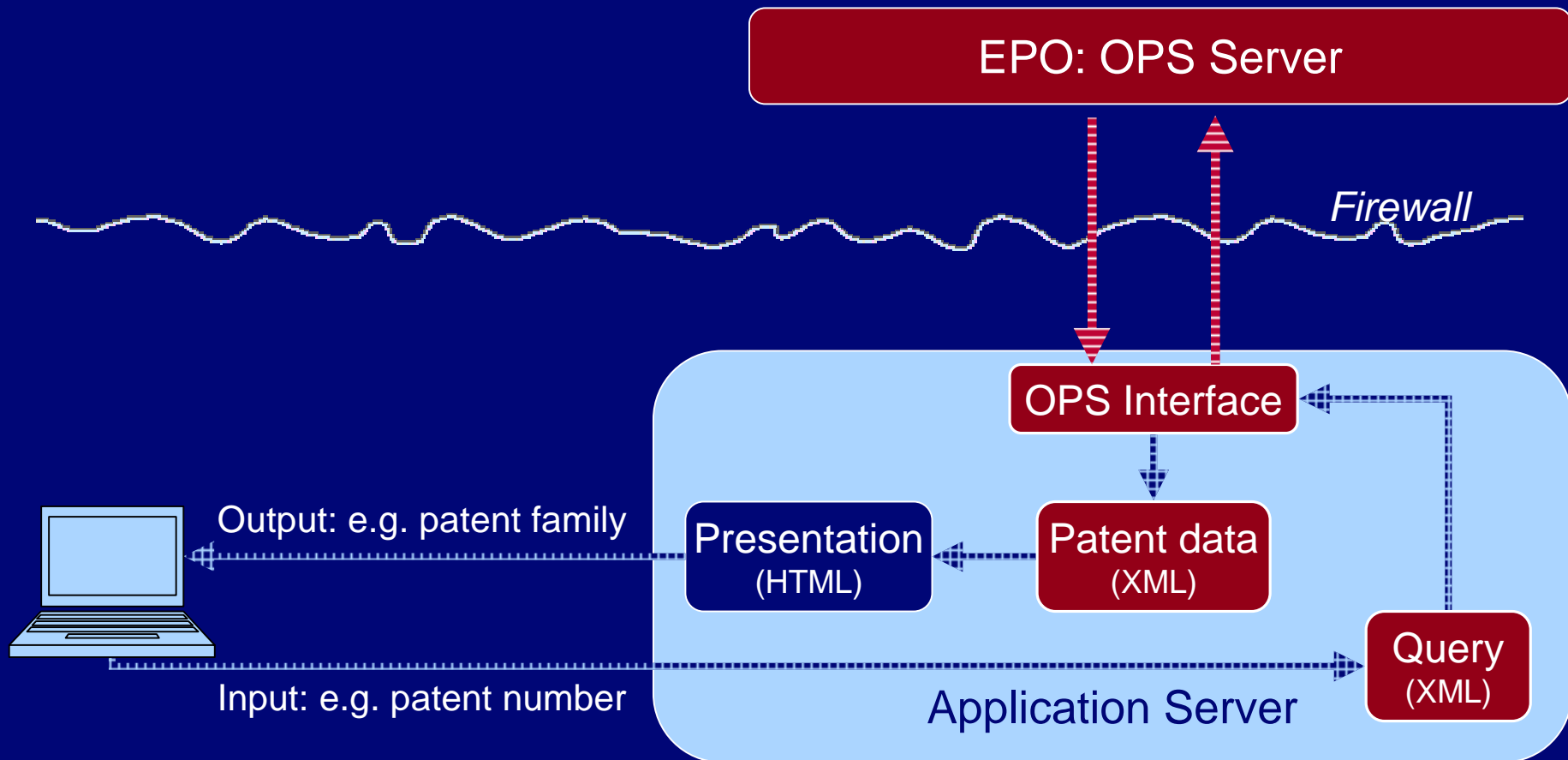


**O** pen  
**P** atent  
**S** ervices

# OPS – Topics of the lecture

- Why a talk about OPS?
- What are web services?
- The story of OPS
- The future steps
- Other offices
- Impact of OPS on the patent information market
- Conclusions

# OPS: how does it work?



# Known services are often web services



Search  Search

amazon.com Your Store See All 32 Product Categories Your Account | Cart | Wish List | Help |

Gift Ideas | International | New Releases | Top Sellers | Today's Deals | Sell Your Stuff

Search Amazon.com  GO!  Web Search  GO!

**PRIMA Ristorante** ★★★★★

There is the same emphasis on pasta dishes with coconut, paprika and lots of other spices. I'm not very familiar with Italian food outside of this place, but the food seems to take themes. . . [more](#)

1522 N. Main St  
Walnut Creek, CA  
(925) 935-7780



GoogleAds

Goooooooooole-Anzeigen

**WebServices in der Praxis**

Ein Erfahrungsbericht zum kostenlosen Download.

[www.excellent.de](http://www.excellent.de)

Google Maps Local Search Directions

1522 North Main St, Walnut Creek, CA 94596 Search

Maps

Address: 1522 N Main St, Walnut Creek, CA 94596

1522 N Main St, Walnut Creek, CA 94596

```
xmlns:cc1="http://www.capeclear.com/GlobalWeather"
:xsi="http://www.w3.org/2001/XMLSchema-instance"
as.xmlsoap.org/soap/encoding/">
:cc2="capecconnect:GlobalWeather:GlobalWeather">
```

Location: Vancouver  
Pressure: 1023,71 mb  
Temp: 11,6°C

Microsoft Navision

rende Lösung für den  
elstand

[focu.biz](http://focu.biz)

# OPS predominantly changes ...

.. how work is done in the kitchen



.. whilst the restaurant looks like before

# Output of an OPS client

File Help

Seed format:  CC: EP ID:  KD:

Seed type:

Request Type:

Short family list  Complete family list  No family list

Biblio data  Biblio data

Full legal data  Full legal data

Compact legal data  Compact legal data

Filtering Details:

Only with legal Status modified since:

Published after:

Request	Seed	Type	Legal	# Members
FAMILY	EP 1000000A1	PN	NO	6

PN	PN - Date	AP	PN - EPODOC	PR	PR - Date
AT 232440T	20030215	AT 99203729T	AT232440T	NL 1010536A	19981112
DE 69905327D1	20030320	DE 69905327A	DE69905327D	NL 1010536A	19981112
EP 1000000A1	20000517	EP 99203729A	EP1000000	NL 1010536A	19981112
EP 1000000B1	20030212	EP 99203729A	EP1000000	NL 1010536A	19981112
NL 1010536C2	20000515	NL 1010536A	NL1010536C	NL 1010536A	19981112

# OPS: EPO's plans

- PDF Files end of 2005
- Fulltext and additional bibliographic data in 2006
- Additional Search Functionalities like Esp@cenet in 2007
- Extension to RegisterPlus information
- .....?

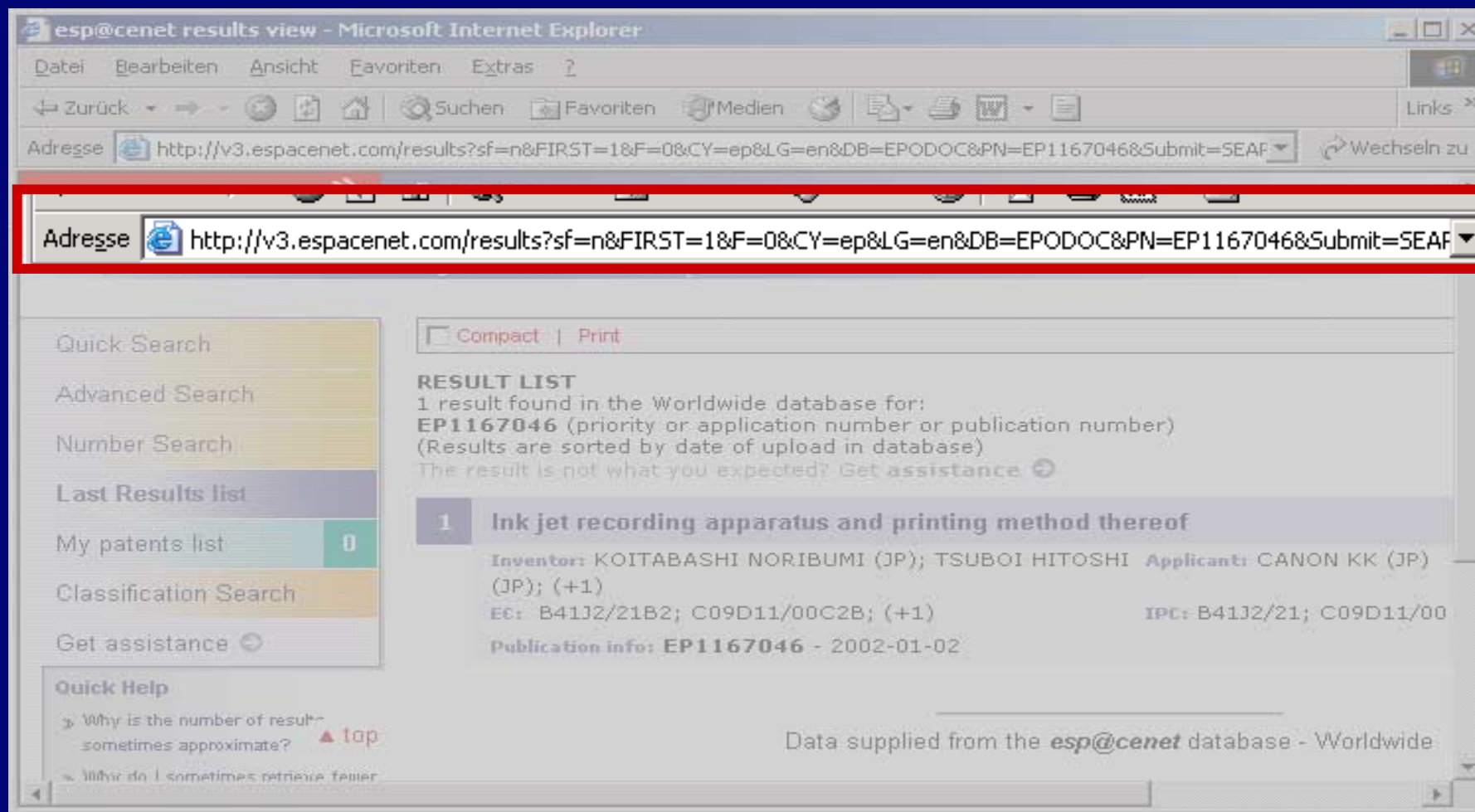
# OPS: status and plans of the German Patent and Trademark Office



- Availability of images and bibliographic data of DE, DD, EP and WO publications plus full text of DE and DD via the System DEPATISconnect
- Register / DPinfo will also be offered as web service early 2006 (similar to DEPATISconnect)
- Integration of the Register into DPMApublikationen as one web service system in 2005 for designs, in 2006 for trademarks and approximately 2007/2008 for patents and utility models



# Esp@cenet Request 1



The screenshot shows a Microsoft Internet Explorer browser window titled "esp@cenet results view". The address bar contains the URL: `http://v3.espacenet.com/results?sf=n&FIRST=1&F=0&CY=ep&LG=en&DB=EPODOC&PN=EP1167046&Submit=SEAF`. The browser interface includes a menu bar (Datei, Bearbeiten, Ansicht, Favoriten, Extras), a toolbar with navigation buttons (Zurück, Suchen, Favoriten, Medien), and a search sidebar on the left with options like "Quick Search", "Advanced Search", "Number Search", "Last Results list", "My patents list", "Classification Search", and "Get assistance".

The main content area displays a "RESULT LIST" for the patent **EP1167046**. The text indicates that 1 result was found in the Worldwide database for this number, sorted by date of upload. The result is:

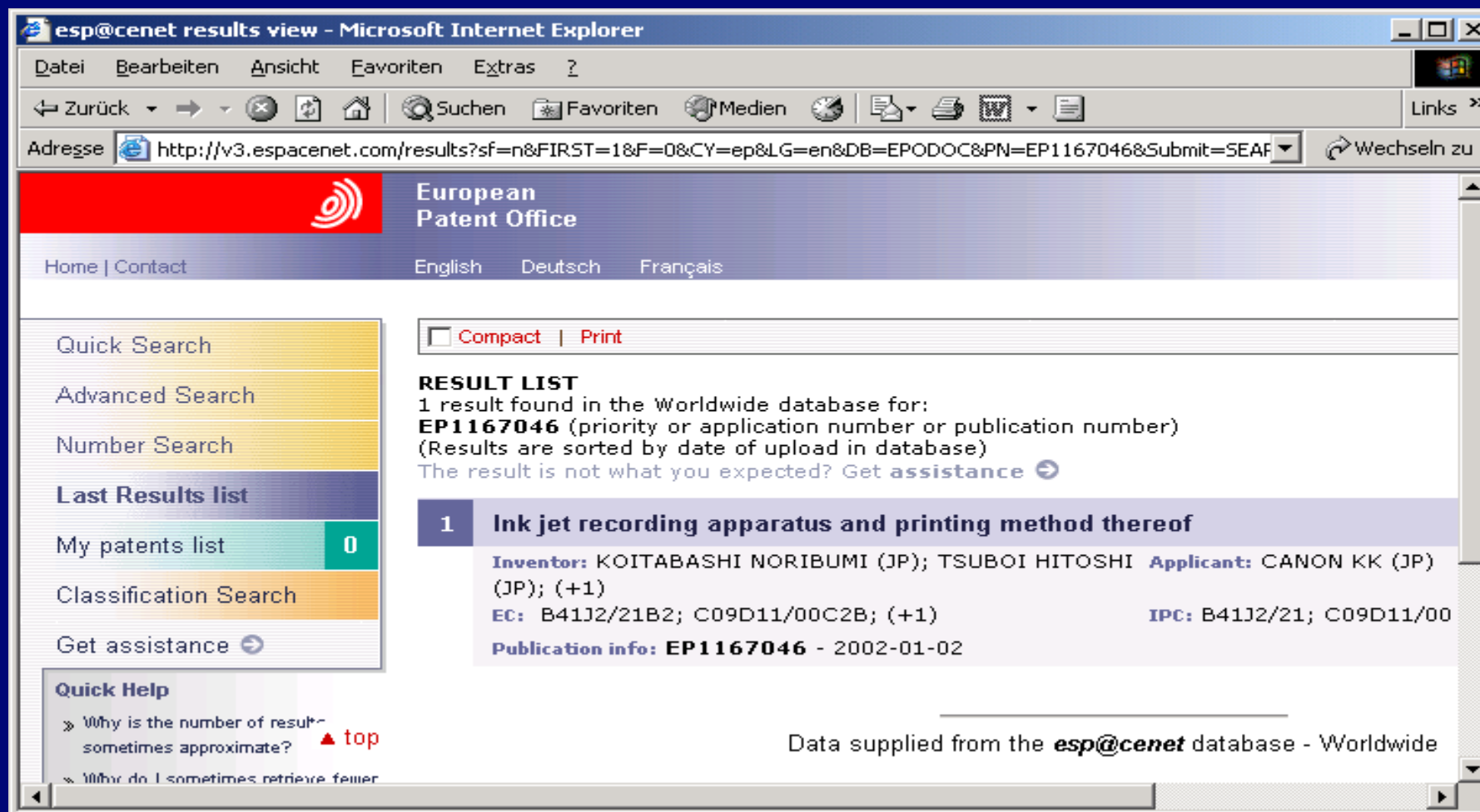
- 1** **Ink jet recording apparatus and printing method thereof**

Additional details for this result include:

- Inventor:** KOITABASHI NORIBUMI (JP); TSUBOI HITOSHI
- Applicant:** CANON KK (JP)
- EC:** B41J2/21B2; C09D11/00C2B; (+1)
- IPC:** B41J2/21; C09D11/00
- Publication info:** EP1167046 - 2002-01-02

At the bottom of the page, it states: "Data supplied from the esp@cenet database - Worldwide".

# Esp@cenet Request 2



The screenshot shows a Microsoft Internet Explorer browser window titled "esp@cenet results view". The address bar contains the URL: <http://v3.espacenet.com/results?sf=n&FIRST=1&F=0&CY=ep&LG=en&DB=EPODOC&PN=EP1167046&Submit=SEAF>. The page header features the European Patent Office logo and navigation links for Home, Contact, English, Deutsch, and Français. A sidebar on the left contains search options: Quick Search, Advanced Search, Number Search, Last Results list, My patents list (0), Classification Search, and Get assistance. The main content area shows a "RESULT LIST" with one result: "1 Ink jet recording apparatus and printing method thereof". The inventor is listed as KOITABASHI NORIBUMI (JP); TSUBOI HITOSHI (JP); (+1) and the applicant as CANON KK (JP). The IPC classification is B41J2/21; C09D11/00. The publication info is EP1167046 - 2002-01-02. At the bottom, it states "Data supplied from the esp@cenet database - Worldwide".

European Patent Office

Home | Contact English Deutsch Français

Compact | Print

**RESULT LIST**  
1 result found in the Worldwide database for:  
**EP1167046** (priority or application number or publication number)  
(Results are sorted by date of upload in database)  
The result is not what you expected? Get [assistance](#)

**1 Ink jet recording apparatus and printing method thereof**  
**Inventor:** KOITABASHI NORIBUMI (JP); TSUBOI HITOSHI (JP); (+1) **Applicant:** CANON KK (JP)  
**EC:** B41J2/21B2; C09D11/00C2B; (+1) **IPC:** B41J2/21; C09D11/00  
**Publication info:** EP1167046 - 2002-01-02

Data supplied from the *esp@cenet* database - Worldwide



## EPO's hint on Esp@cenet pages (HTML view)




Web Service Availability - For those persons wishing to use esp@cenet to download large amounts of family, legal or bibliographic information, we have developed the Open Patent Services, a Web Services based alternative offering data that is available via esp@cenet, but in XML format. For further details, please look at <http://ops.espacenet.com>.

# Example: Conflicting legal status

## ■ Entry and non-entry into the national phase in: CA

### LEGAL STATUS

```
20000101 WOAK      + DESIGNATED STATES
                    WO                               A1
                    AL AU BG BR BY CA CN CZ GE HR HU ID IL IN JP KR KZ LT LV MK
                    MX NO NZ PL RO RU SG SI SK TR UA US ZA
20000101 WOAL      + DESIGNATED COUNTRIES FOR REGIONAL PATENTS
                    WO                               A1
                    AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR
                    IE IT LU MC NL PT SE
20000101 WODFPE    REQUEST FOR PRELIMINARY EXAMINATION FILED PRIOR TO
                    EXPIRATION OF 19TH MONTH FROM PRIORITY DATE
20000101 WO121     EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS
                    DESIGNATED IN THIS APPLICATION
20010101 WOENP     ENTRY INTO THE NATIONAL PHASE IN:
                    US 2001      000000  A   20010101 P
20010101 WOENP     ENTRY INTO THE NATIONAL PHASE IN:
                    CA 0000000      A           P
20010101 WOENP     ENTRY INTO THE NATIONAL PHASE IN:
                    JP 2000      000000  A           P
20020101 WONENP    NON-ENTRY INTO THE NATIONAL PHASE IN:
                    CA
```



# OPS: Those who jumped the low barrier ... ... use OPS to ...

- ... just create a simple access to new data sources
- ... establish Alerting services
- ... add value to patent data portals

# OPS: Impact on users

- Low price dishes – Costs
- Better dishes – Innovation
- Tapas – Flexibility