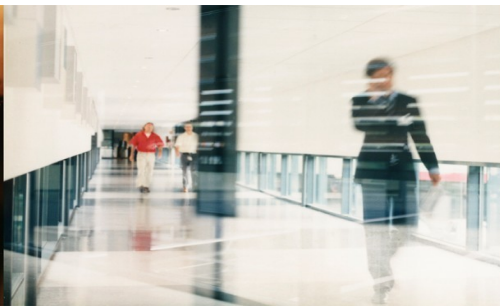


Future Patent Tools

Evolution and Revolution

John Bambridge
EPO

ICIC 2008
Oct 20th 2008



An examiner view of the problem

2184681

28 HOE 95/F 202

THE EMBODIMENTS OF THE INVENTION IN WHICH AN EXCLUSIVE PROPERTY OR PRIVILEGE IS CLAIMED ARE DEFINED AS FOLLOWS:

1. A process for preparing substituted N-ethylglycine derivatives of the formula I

5

10

PG-X-CH2-CH2-NH-CH2-C(=O)OH (I)

in which
PG is a labile amino protecting group which is labile towards weak acids and which is of the urethane type or the trityl type,
15 X is NH or O, and
B' is bases which are customary in nucleotide chemistry and whose exocyclic amino and/or hydroxyl groups are protected by suitable known protecting groups,
and the salts thereof,
20 which comprises

a) reacting a compound of the formula II

25

R-X-CH2-CH2-NH-CH2-C(=O)OR^1 (II)

in which
R is hydrogen or, if X = NH, an acid-labile protecting group, and
30 R¹ is a protecting group which is labile towards acids and stable towards amines, and
X is defined as above,

常见病中成藥療法
王育杰主編
人民衛生出版社出版
2000年3月第一版
全書設“醫理藥理篇”、“辨證論治篇”、“鑒方別藥篇”和“非處方藥篇”共四篇。“辨證論治篇”為本書重點，主要介紹了100種常見疾病的中成藥療法，共收錄中成藥510餘種。所列病證均為常見病、多發病，且多為中成藥治療有較好療效者。病證分為內科、婦科、兒科、分體現中醫辨證論治的特色和中成藥醫病名或證名，對西醫病名則予適當體例，論病力求簡明，論藥務求實用，藥、鑒別用藥排列，使人一目了然。能閱讀此書，本書首先設“醫理藥理中醫診病特點與原理、中藥組方原亦做了一定論述。對一些易混淆的篇”進行比較鑒別，以避免誤用。為
購藥，又設
非處方藥
以冀更為
生、中藥

特許証
特許第 3 9 5 3 5 1 3 号
PATENT NUMBER

発明の名目 (Title of the invention)
ビペリン含有薬成分

特許権者 (Applicant)
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サピンサ コーポレーション

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ラジエンドラン アル

出願番号 (Application number) 平成 0 8 年特許願第 5 2 5 5 0 号
出願年月日 (Filed date) 平成 7 年 1 月 6 日 (Number 6100)

この発明は、特許するものとして確定し、特許権者に登録されたことを証する。
(This is to certify that the patent is registered on the register of the JAPAN PATENT OFFICE.)

平成 1 9 年 5 月 1 1 日 (Date)
特許庁長官 (Commissioner, JAPAN PATENT OFFICE)
中嶋 誠

007506 <http://yrl.jp/>

특허증
CERTIFICATE OF PATENT

특허 제 10-0695355 호 (PATENT NUMBER) 登録번호 (NUMBER) 제 2000-069769 호
출원일 (DATE OF FILING) 2000년 11월 23일
등록일 (REGISTRATION DATE) 2007년 03월 08일

THE INVENTION (발명) 보령 모뎀 및 보령 모뎀의 동작 제어 방법

APPLICANT (출원인) 동북사정란에 기계

INVENTOR (발명자) 동북사정란에 기계

명은 「특허법」에 의하여 특허등록원부에 등록
증명합니다.
CERTIFY THAT THE PATENT IS REGISTERED ON THE REGISTER OF THE KOREAN
PROPERTY OFFICE.)

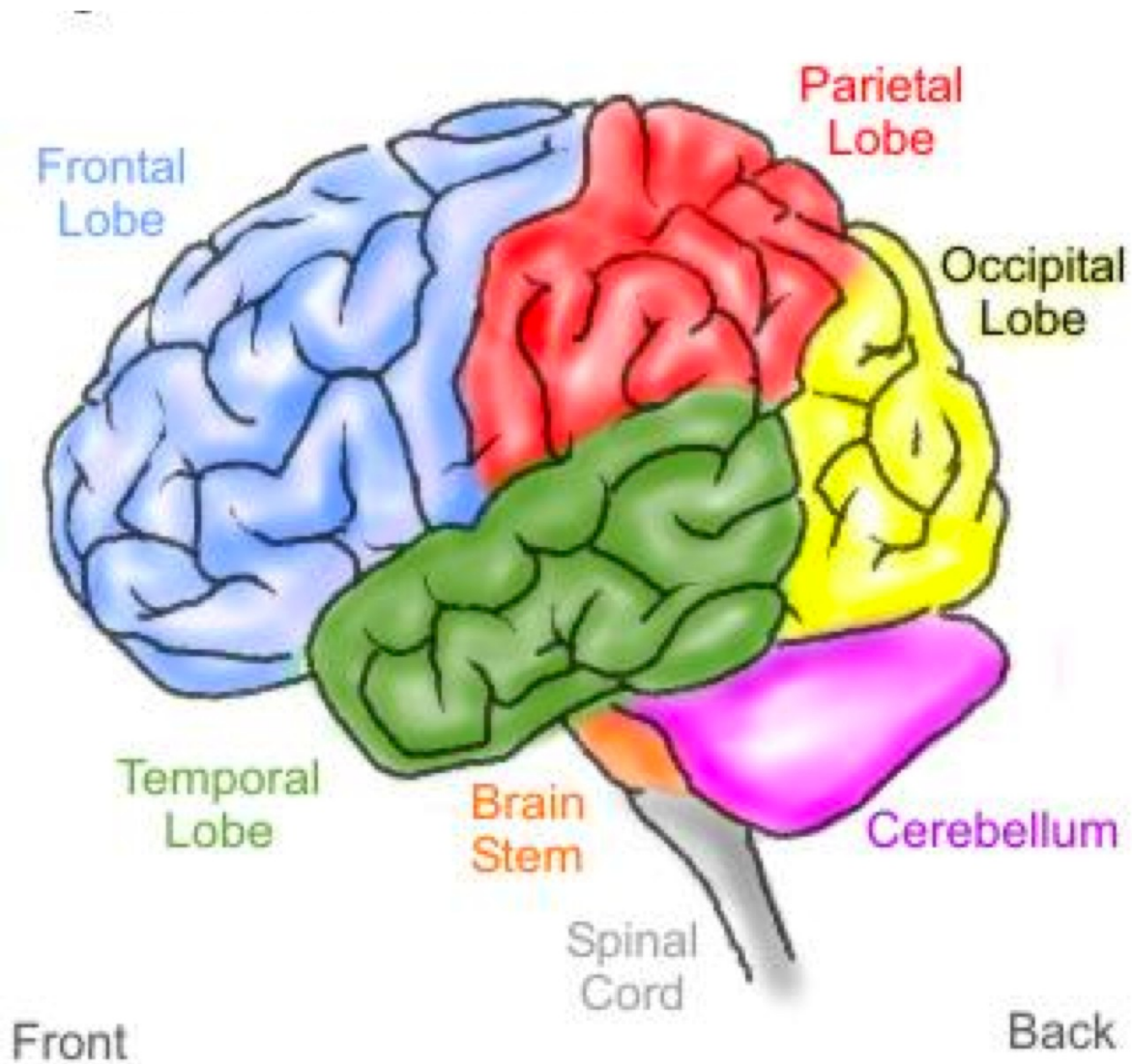
2007년 03월 08일

특허청
COMMISSIONER OF KOREAN INTELLECTUAL PROPERTY OFFICE

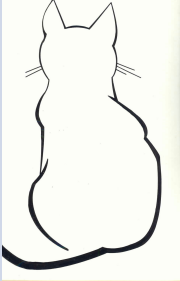

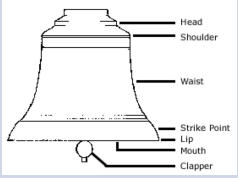


The cost of doing nothing
is unacceptable

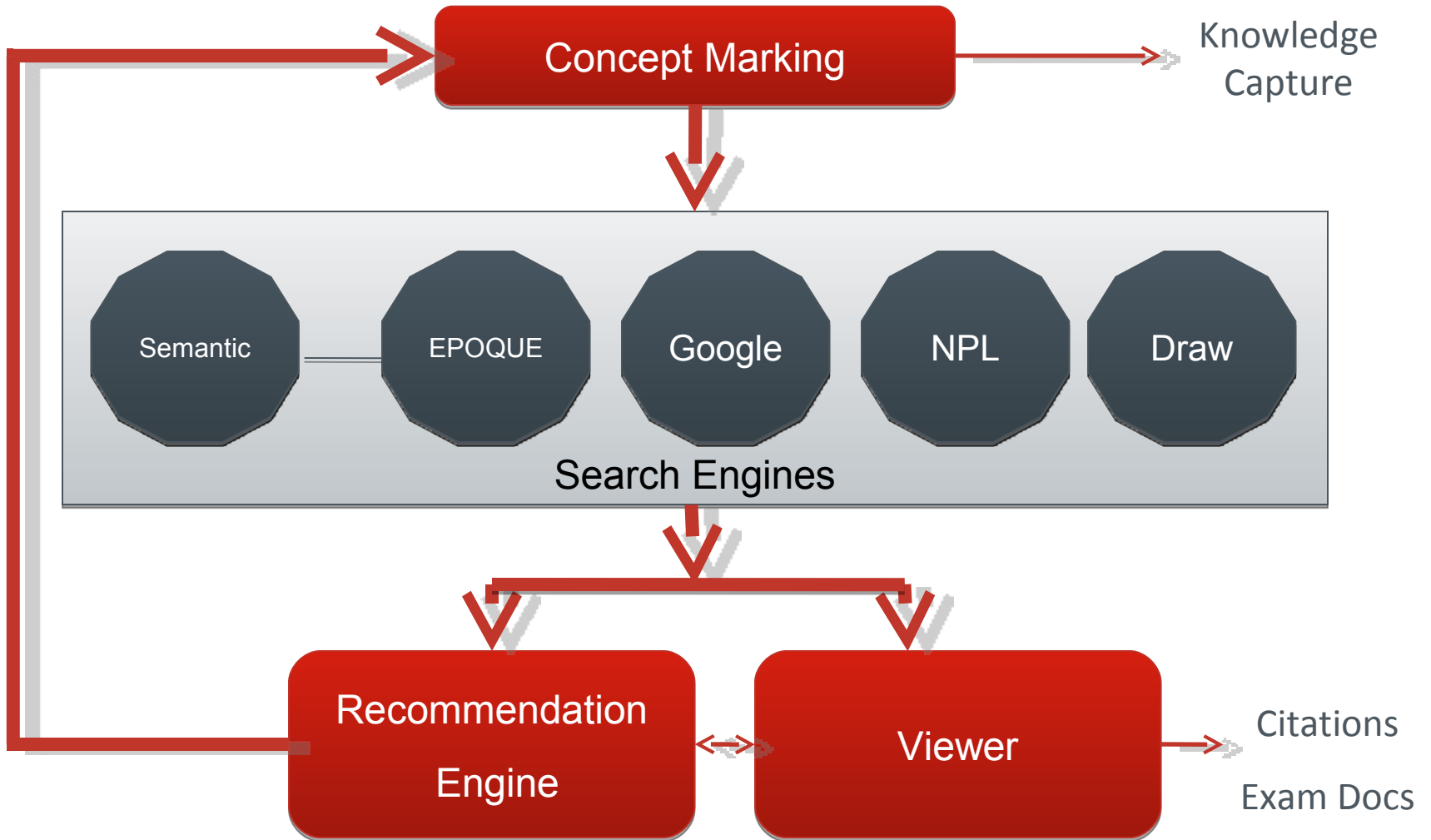
Examiner Support Today



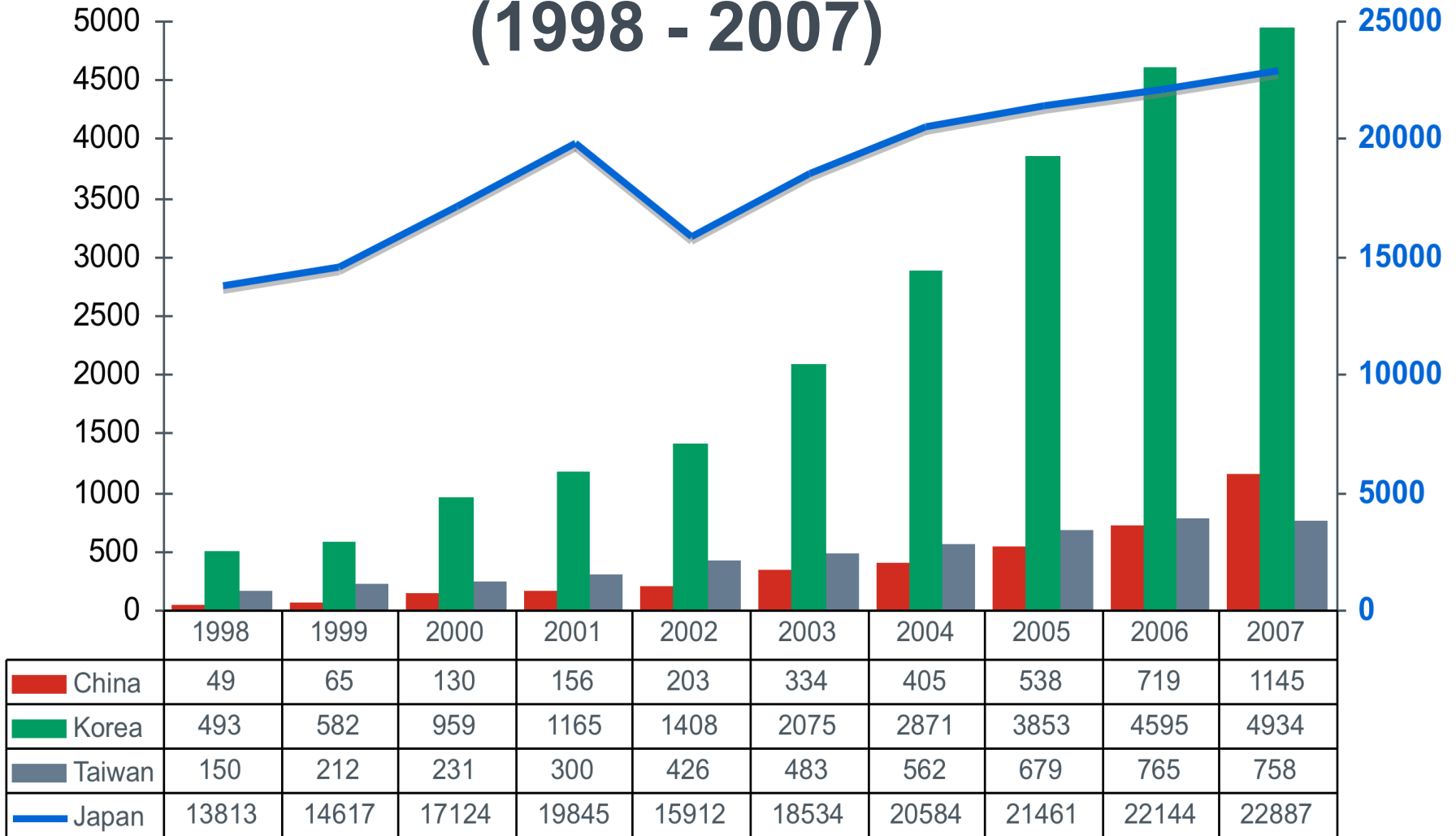
Capturing Concepts

No	Fig	Class	Concept
1		-	Cat, Feline, 4 legged mammal,
2		A61F9/06	Collar, Band
3		G10K	Alarm, Noise maker

Search Process



Development of East Asian filings at the EPO (1998 - 2007)



Asian Coverage in EPO databases



Biblio: **JP-A...C** 10.2 million / **JP-Y** 3.7 million
Abs(EN): all kind codes 8.4 million (WPI: 6.7 million)
Image: all kind codes 27.7 million
Full text: **JP-A/JP-B** 2.5million (3rd party data, 11-2002 ... 04-2008)

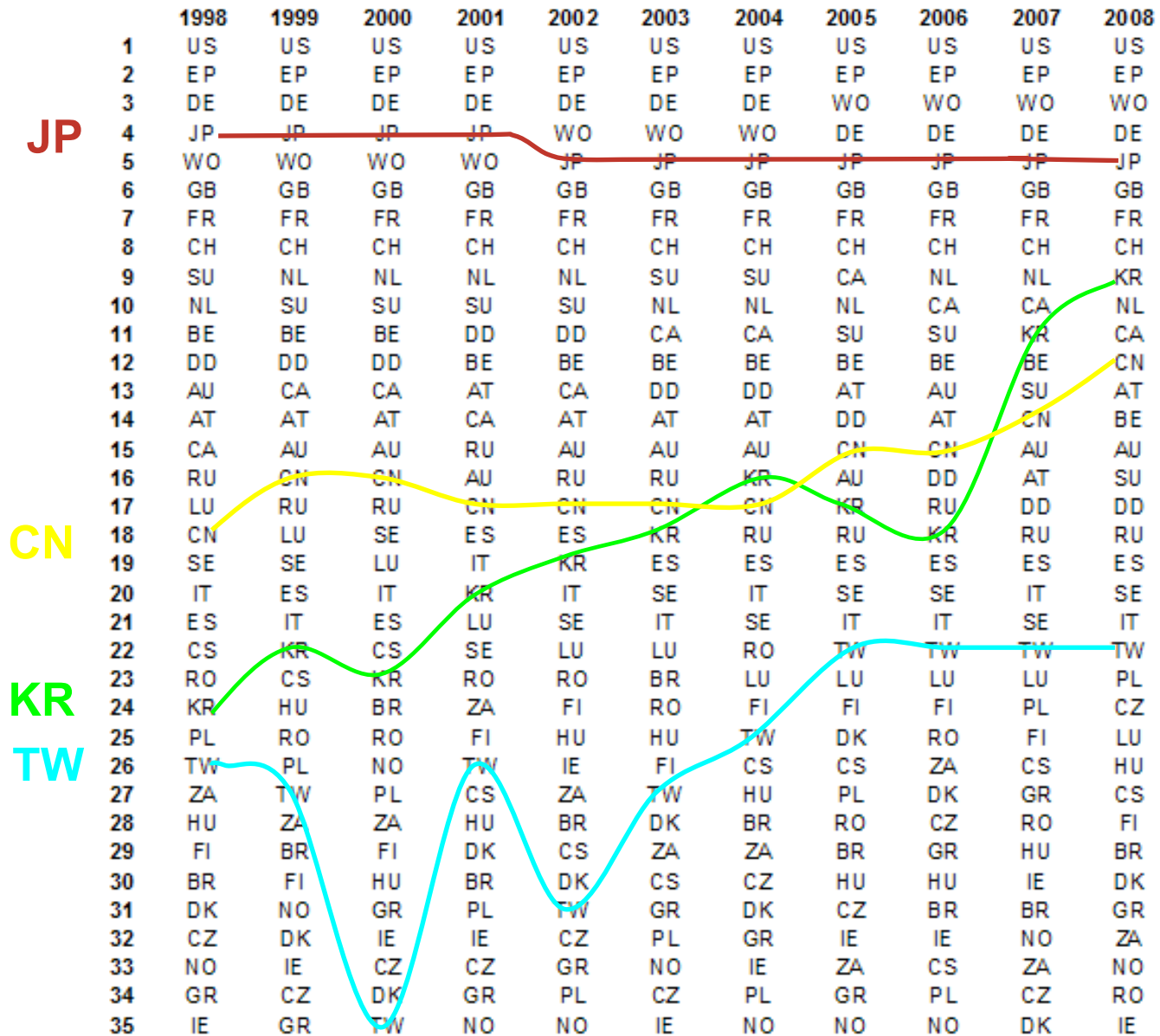


Biblio: **KR-A./B** 1.2 million / **KR-U/Y** 213 000
Abs(EN): all kind codes 432 000
Image: all kind codes 1.1 million
Full text: not yet available in internal databases



Biblio: **CN-A..C** 1.2 million / **CN-U/Y** 1.1 million
Abs(EN): all kind codes 650 000 (WPI: 1.3 million)
Image: all kind codes 2.3 million
Full text: **CN-U/Y** 3 500 (test data)

Ranking of country codes for EP search report citations



Work-sharing

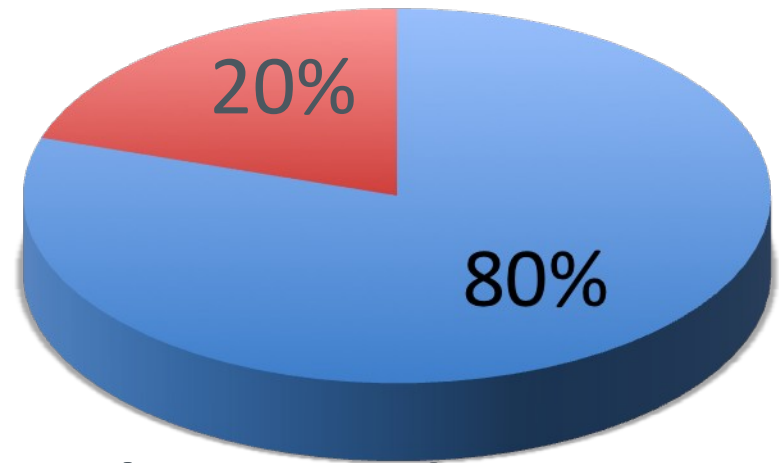
- Understanding
- Re-doing
- Comparing
- Re-using



Patent Workbench

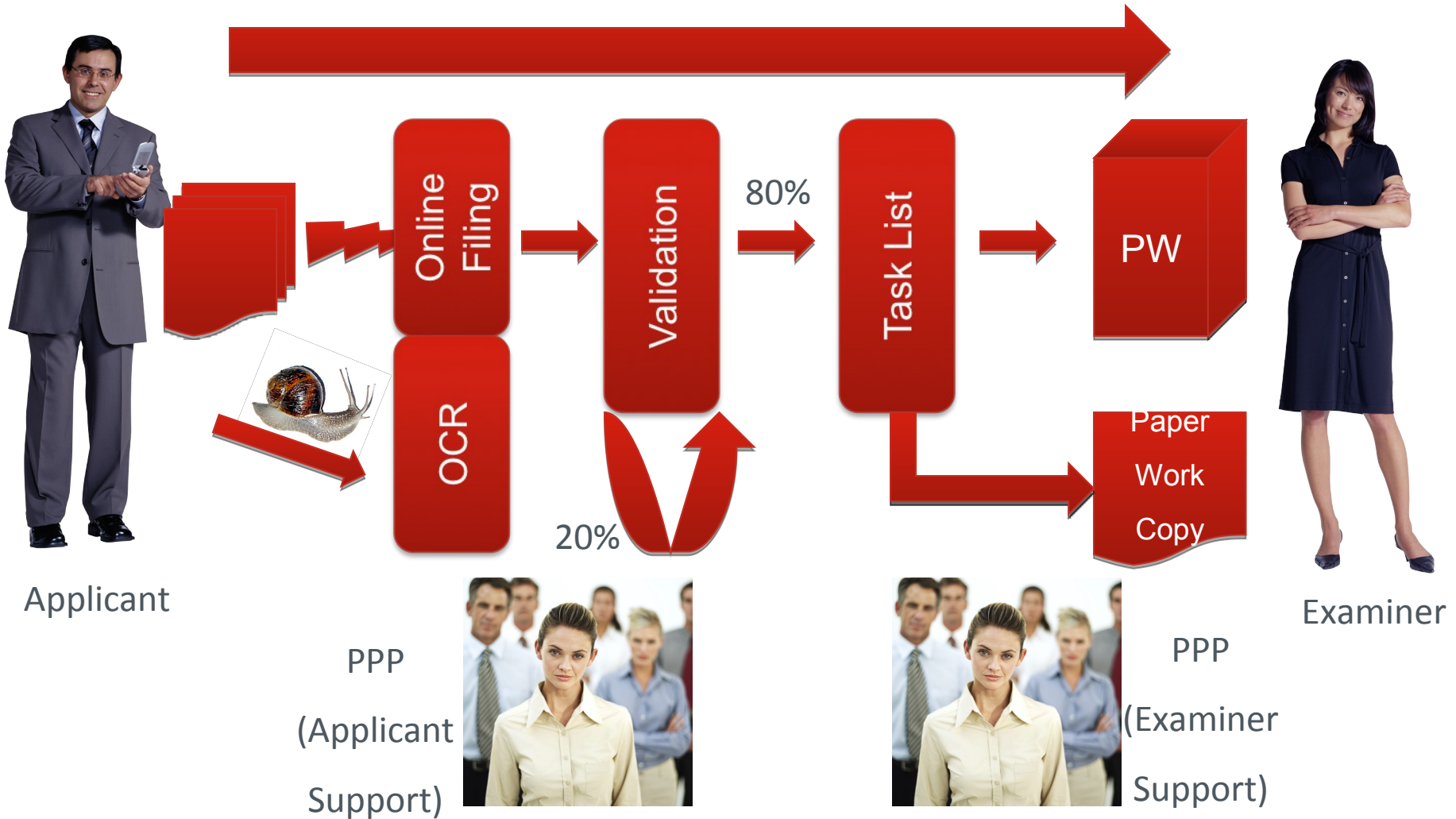


Where's the Efficiency?



- If it's not broke - don't touch it
- Focus support on adding value
- One Application for all

Incoming



Only print documents for study



Paper Working Copy

What's in it for the users

- Ergonomic, task driven workbench
- Proposals at every stage
- An electronic environment that is better than paper alongside the paper
- Focus on the intellectual work
- An objective basis for Utilisation and Work-sharing
- Common communication basis between colleagues and with applicants

LEAN and Agile

- Focus on
 - Muda (□ □)
 - Mura (□)
 - Muri (□ □)
- Small steps guided by the vision

Next Steps

- Sep - Dec
 - External Business Case and IT validation
 - Set-up Detailed Planning for 2009
 - Explore partnerships
- Nov 2008
 - Internal Approval
- Launch
 - 3 month Tranches
 - Iterate