

(2010/01)

Enhancements for INPADOCDB and INPAFAMDB

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1 English abstracts for Japanese unexamined patent applications loaded

About 8.6 million English abstracts for Japanese unexamined patent applications (JPA/PK) since 1976 have been added to INPADOCDB and INPAFAMDB. This is a tremendous increase of abstract coverage and makes both files even more valuable for keyword searching.

The JAPIO database was used as an additional abstracts source. These abstracts will be added with each monthly update of the JAPIO database.

In the INPADOC databases over 25.7 million abstracts are available now, of which 24 million are in English language.

[Display Example \(new abstracts in blue\):](#)

(AL: Abstract Language; AS: Abstract Source)

=> D MAX

```
AN 59257961 INPADOCDB ED 20090903 EW 200936 UP 20091105 UW 200945
FN 38296865
TI MOBILE EQUIPMENT.
TL English
IN WAKE KAZUHIRO; OSHIMA KUNIAKI
INS WAKE KAZUHIRO; OSHIMA KUNIAKI
PA HONDA MOTOR CO LTD
PAS HONDA MOTOR CO LTD
DT Patent
PI JP 2009171843 A 20090730
PIT JPA DOC. LAID OPEN TO PUBL. INSPEC. [PUBLISHED FROM 1971 ONWARDS]
DAV 20090730 unexamined-printed-without-grant
STA PRE-GRANT PUBLICATION
AI JP 2009-112622 A 20090507
AIT JPA Patent application
PRAI JP 2009-112622 A 20090507 (JPA, 20090903, Y)
PRAIT JPA Patent application
IPCI B60L0011-18 [I,A ]; H01M0008-00 [I,A ]; H01M0008-04 [I,A ];
H01M0008-10 [N,A ]
B60L0011-18 [I,C*]; H01M0008-00 [I,C*]; H01M0008-04 [I,C*];
H01M0008-10 [N,C*]
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AB **PROBLEM TO BE SOLVED:** To provide a mobile body using a fuel cell which can lengthen its traveling distance by its battery when the failure of its fuel cell occurs.

SOLUTION: A fuel-cell car 1 includes a fuel cell 10, a battery 11, and a controller 30. The controller 30 includes: a liquid-drop removing and scavenging portion 34 for performing the liquid-drop removal and scavenging which makes a scavenging gas flow in a flow passage of a reactant gas to remove the liquid-drops condensed in the flow passage, and a drying and scavenging portion 35 for performing the dryness and scavenging which dries the inside of the flow passage. The controller 30 decides whether the continuation of the generation of the fuel cell 10 is

possible or not, while traveling by the fuel cell 10. When it is decided that the generation of the fuel cell 10 can be continued, the generation of the fuel cell 10 is continued to perform the scavenging of the flow passage by the liquid-drop removing and scavenging portion 34 and the drying and scavenging portion 35 after a traveling completion. When it is decided that the generation of the fuel cell 10 cannot be continued, the generation of the fuel cell 10 is stopped to make the mobile body travel by the battery 11 and perform the scavenging of the flow passage by the liquid-drop removing and scavenging portion 34.

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AL English

AS JAPIO

FA AB; AI; AN; DAV; DT; ED; EW; IN; INS; IPC; IPCI; PA; PAS; PI; PIT;
PRAI; TI

CHG PAS C; PA C; INS C; IN C; TI C

2 Patent assignee information added to cited patents

The cited patent information in the INPADOC files has been now enhanced with patent assignee names of the cited patent numbers. These new patent assignee names (PAS.D) are currently available for display and analysis. They can be used to easily identify competitors or companies working on the same technology field of interest.

The cited patent assignee names PAS.D are in the standardized format provided by the EPO (PAS.D= patent assignee standardized, cited). In the case only patent inventor information is available in PAS, this information will not be used in the REN display, especially for US cited patents. The reason is to have better statistical results for company names.

Display Example (new cited patent assignee names in blue):

=> D BIB RE

```
AN      59518659 INPADOCDB ED 20091015 EW 200942 UP 20091022 UW 200943
FN      38441986
TI      Verfahren zur Beschichtung eines metallischen Substrats mit einer Schicht
        aus niedrig legiertem Stahl.
        Method to coat a metallic substrate with low alloy steel layer.
        Procede de revetement d'un substrat metallique avec un revetement a
        faible alliage d'acier.
TL      German; English; French
IN      CHILDS, CHRISTOPHER; MARCHANT, GEOFFREY
INS     CHILDS CHRISTOPHER, GB; MARCHANT GEOFFREY, GB
PA      SIEMENS AKTIENGESELLSCHAFT
PAS     SIEMENS AG, DE
DT      Patent
PI      EP 2108476          A1 20091014  English
PIT     EPA1 APPLICATION PUBLISHED WITH SEARCH REPORT
DAV     20091014  examined-printed-without-grant
STA     PRE-GRANT PUBLICATION
DS      R:                AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI
        LT LU LV MC MT NL NO PL PT RO SE SI SK TR
XS      R:                AL BA MK RS
AI      EP 2008-7060          A  20080409
AIT     EPA Patent application
PRAI    EP 2008-7060          A  20080409  (EPA, 20091015, Y)
PRAIT   EPA Patent application
REC     6. THERE ARE 6 CITED REFERENCES (5 PATENT, 1 NON PATENT) AVAILABLE FOR
        THIS RECORD. ALL CITATIONS ARE AVAILABLE IN THE RE FORMAT.
REP     EP 1835189          A2 (SEA, pat, Cat: X)  GEN ELECTRIC, US
        EP 1898048          A1 (SEA, pat, Cat: A)  HITACHI LTD, JP
        WO 2006111520       A1 (SEA, pat, Cat: A)  SIEMENS AG, DE; SHEPHERD
                                                ANDREW, GB; WALKER PAUL
                                                METHEW, GB
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US 4300474      A (SEA, pat, Cat: AD) ROLLS ROYCE
GB 2052566      A (APP, pat)          ROLLS ROYCE
REXP XP008053341 (SEA, Cat: Y)
REN (1) NOWOTNY S: "BESCHICHTEN, REPARIEREN UND GENERIEREN DURCH
PRAEZISIONS-AUFTRAGSCHWEISSEN MIT LASERSTRAHLEN//CLADDING, REPAIR, AND
FREEFORMING BY BUILD-UP WELDING USING LASER IRRADIATION" VAKUUM IN
FORSCHUNG UND PRAXIS, WILEY-VCH, WEINHEIM, DE, vol. 14, no. 1, 1 February
2002 (2002-02-01), pages 33-37, XP008053341 ISSN: 0947-076X (SEA, Cat: Y)

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The cited patent assignee names **PAS.D** can be used for statistical analysis with SELECT and ANALYZE. This is very useful to identify competitors or companies working on the same technological field of interest!

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=> S (LASER (L)WELDING)/TI AND REN/FA AND 2000/AY
...
L2          38 (LASER (L)WELDING)/TI AND REN/FA AND 2000/AY

=> SEL PAS.D
E1 THROUGH E126 ASSIGNED

=> D SEL -E20
E1          21 MITSUBISHI ELECTRIC CORP/PAS
E2          11 TWENTYFIRST CENTURY CORP/PAS
E3          11 WESTINGHOUSE ELECTRIC CORP/PAS
E4          9  TOYOTA MOTOR CO LTD/PAS
E5          8  COMAU SPA/PAS
E6          8  PROGRESSIVE TOOL & IND CO/PAS
E7          6  THYSSEN STAHL AG/PAS
E8          5  FRAUNHOFER GES FORSCHUNG/PAS
E9          5  JURCA MARIUS CHRISTIAN/PAS
E10         5  LORRAINE LAMINAGE/PAS
E11         5  NGK SPARK PLUG CO/PAS
E12         5  TOYOTA MOTOR CORP/PAS
E13         5  UNITED TECHNOLOGIES CORP/PAS
E14         5  UNIV CALIF/PAS
E15         4  ALUSUISSE LONZA HOLDING AG/PAS
E16         4  ALUSUISSE LONZA SERVICES AG/PAS
E17         4  AMAF IND INC/PAS
E18         4  BWG BERGWERK WALZWERK/PAS
E19         4  CHRYSLER CORP/PAS
E20         4  FUJITSU LTD/PAS

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This will give you the information which companies have "key invention(s)" in a specific technological area.

At the moment PAS.D is used in predefined display formats containing RE, REN and in SELECT/ANALYZE only. It is planned to make this information searchable also.

3 Data from San Marino will be added soon.

The Republic of San Marino(SM) became the 36th member state of the European Patent Organisation on 1 July 2009. The EPO is working now on the implementation of the bibliographic data for San Marino. Please look for further announcements.

The following publication types will be available:

SMA	PUBLICATION OF APPLICATION / PUBLICATION OF APPLICATION FOR PCT TRANSFERS [FROM 20000101 ONWARDS]
SMB	GRANTED PATENT / GRANTED PATENT FOR PCT TRANSFERS [FROM 20000101 ONWARDS]
SMS	APPLICATION OF DESIGN / MODEL (FIRST PUBLICATION) [FROM 20000101 ONWARDS]
SMS1	GRANTED DESIGN / MODEL (SECOND PUBLICATION) [FROM 20000101 ONWARDS]
SMS2	APPLICATION OF DESIGN / MODEL, (MULTIPLE APPLICATION) (FIRST PUBLICATION) [FROM 20000101 ONWARDS]
SMS3	GRANTED DESIGN / MODEL, (MULTIPLE APPLICATION), (SECOND PUBLICATION) [FROM 20000101 ONWARDS]
SMS4	REVALIDATION DESIGN / MODEL [FROM 20000101 ONWARDS]

4 Thailand becomes a new country for PCT applications

Thailand (TH) becomes the 142th country for PCT applications since 24th Dec. 2009. A complete list of all PCT contracting states and two-letter codes can be found in the monthly PCT Newsletter or via the following link

http://www.wipo.int/pct/en/list_states.pdf