

# PATENT ABSTRACTS OF JAPAN NEWS

PAJ News is distributed overseas to provide the latest patent information of Japan and to maintain solid communication with foreign patent offices.

No. **21**  
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## 1 Broad Facet for Electronic Commerce-related Technologies

Broad Facet is a unique patent classification that is assigned to some specific technology through all the sections of International Patent Classification (IPC) developed by Japan Patent Office. Broad Facet enables you to perform a lateral search for a specific technology through all the technological fields, from a viewpoint that is different from the IPC.

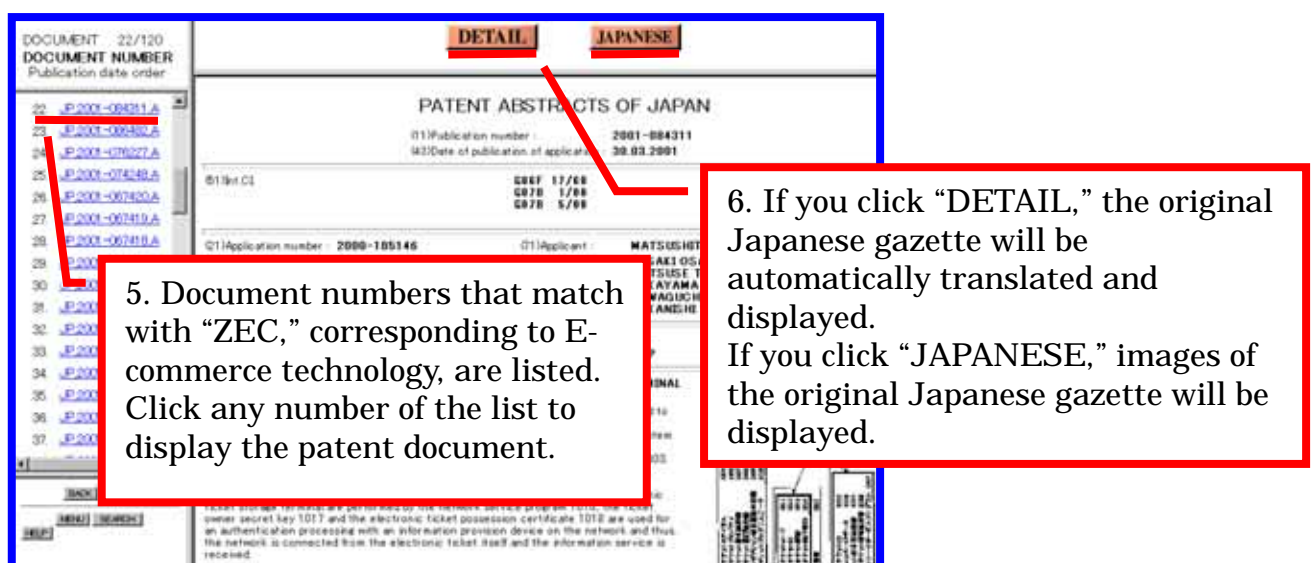
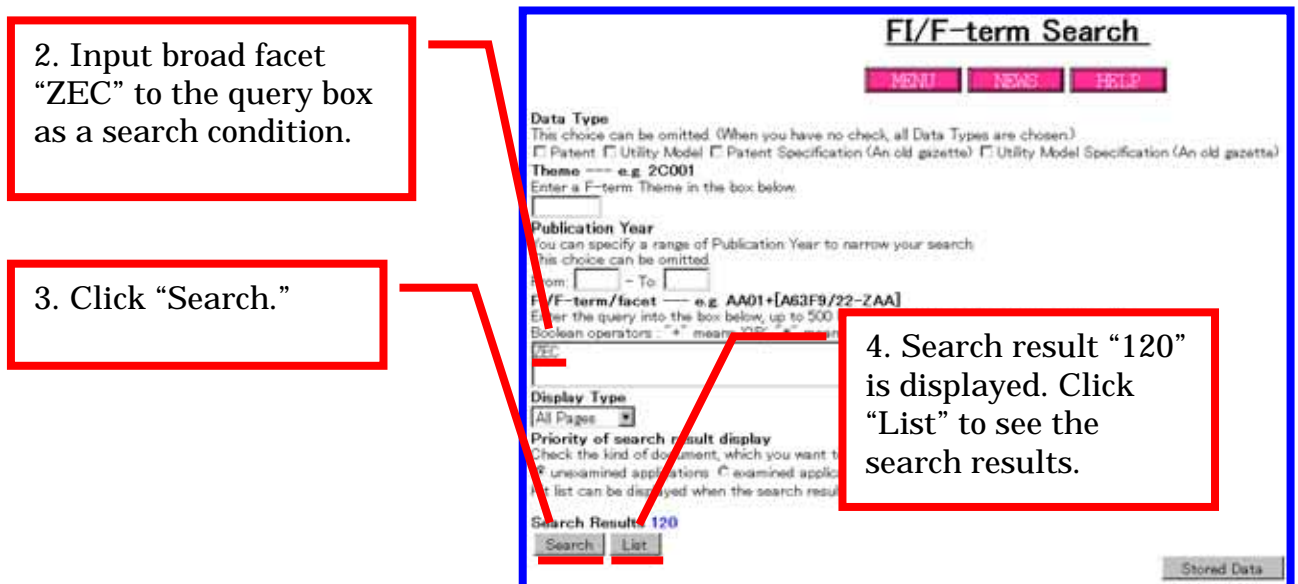
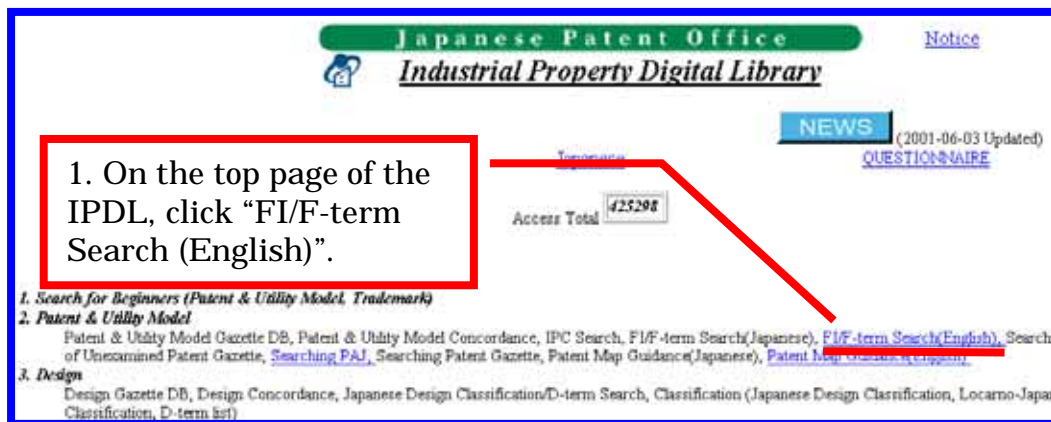
Since patent applications for E-commerce, namely commercial transactions using a computer network such as the Internet, have sharply increased lately, "ZEC" has been newly established as a broad facet, for E-commerce technologies. This broad facet can be used in FI/F-term search of the Industrial Property Digital Library (IPDL) as a search condition, just same as FI/F-term.

Currently, 4 broad facets, "superconductivity," "nucleic acid and amino acid," "environmental maintenance" and "E-commerce technology" have been opened to public.

### < 4 broad facets >

Broad facet	Meaning	Technological field	Beginning of assignment
ZAA	Superconductivity	All IPC sections	1988
ZNA	Nucleic acid and amino acid	All IPC sections	April 1989
ZAB	Environmental maintenance	All IPC sections	August 1993
ZEC	E-commerce technology	All IPC sections	April 2000

<Search example of the broad facet “ZEC”>



## 2 Hint on FI/F-term Search part 2

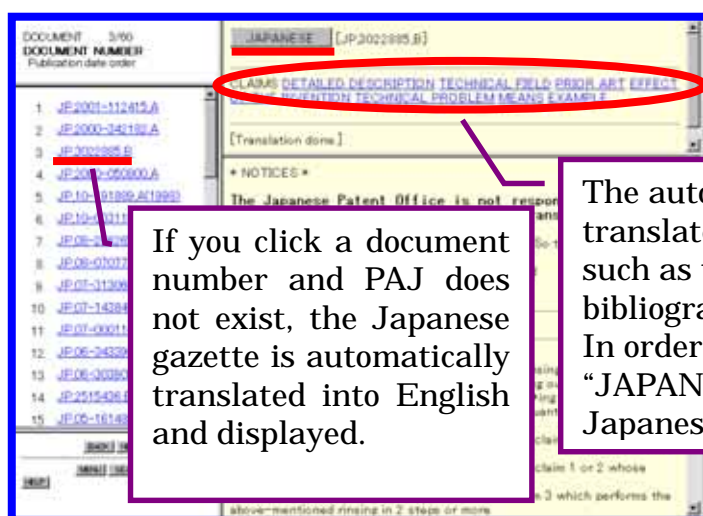
- Comparison table between Japanese and English meaning concerning main bibliographic items to which INID Codes are assigned -

### 2.1 Displaying FI/F-term Searches and Japanese Gazettes

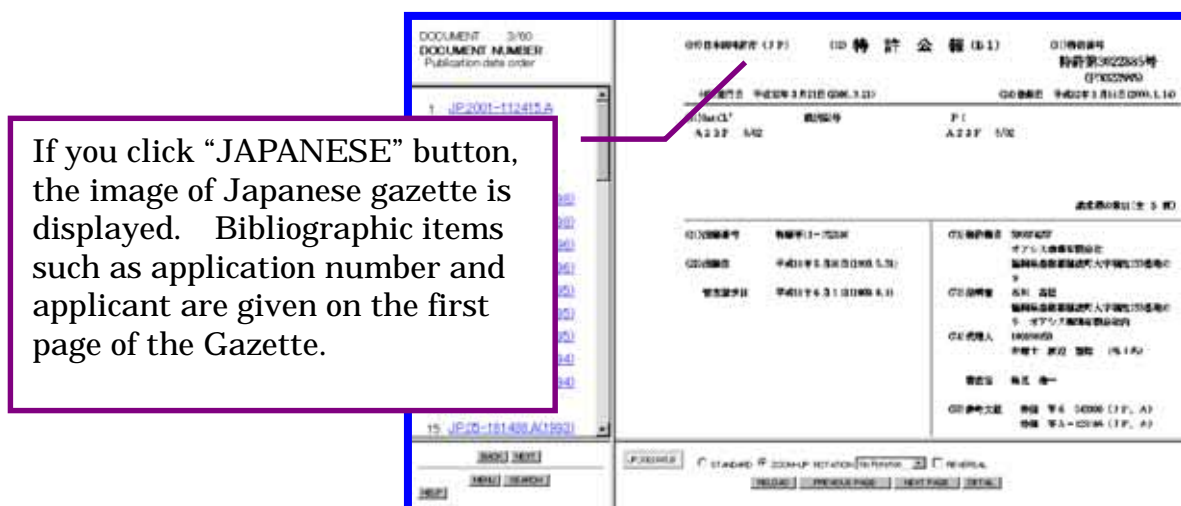
The FI/F-term search is one of the patent document search services provided by the Industrial Property Digital Library (IPDL), and searches are performed using FI/F-term, which is a unique patent classification developed by Japan Patent Office.

The FI/F-term search retrieves patent and utility model gazettes regardless of whether PAJ exists or not, and the searchable range of FI/F-term search is much wider than "Searching PAJ", so the search often results in patent information without PAJ. If no PAJ exists and the automatic translation function cannot be used either, only the Japanese gazette is displayed (Display pattern if PAJ does not exist: see PAJ News No.20).

Also, the automatic translation function can be used only for descriptions of the invention such as claims, but cannot be used for bibliographic items such as applicants, inventor, and so on. Therefore, if there is no PAJ, it is necessary to view the Japanese gazette to identify the bibliographic items, even if the automatic translation function can be used.



The automatic translation function translates the contents of an invention such as the claims, but does not translate bibliographic items such as applicant. In order to see bibliographic items, click "JAPANESE" button to display the Japanese gazette.



However, for non-Japanese natives, it might be difficult to comprehend what the contents of the Japanese gazette are, and it might also be difficult to judge which part of the matters written in the Japanese gazette you should focus on to get necessary information.

World Intellectual Property Organization (WIPO) has established the INID (International agreed Numbers for the Identification of (bibliographic) Data) Codes in the WIPO standard ST. 9 so that anyone can recognize the meaning of bibliographic items without having to depend on language, and has recommended the INID Codes.

Since the INID Codes are also assigned to bibliographic items in Japanese gazettes, anyone can identify the meaning of bibliographic items by referring to the INID Codes given. The following section provides a comparison table between main Japanese bibliographic items with the INID codes and their meanings, to enable you to understand the meaning of bibliographic items of the patent and utility model gazettes easier.

## 2.2 Comparison Table between Japanese and English concerning Main Bibliographic Items with the INID Codes

- (12) Plain language designation of the kind of document

Bibliographic item(s)	Meaning
(12) 公開特許公報 (A)	Publication of Unexamined Patent Applications
(12) 公表特許公報 (A)	Published Japanese Translations of PCT International Publication for Patent Applications
(12) 特許公報 (B2)	Publication of Examined Patent Applications / Gazette the Patent (since 1996)
(12) 公開実用新案公報 (U)	Publication of Unexamined Utility Model Applications
(12) 公表実用新案公報 (U)	Published Japanese Translations of PCT International Publication for Utility Model Applications
(12) 実用新案公報 (Y2)	Publication of Examined Utility Model Applications
(12) 実用新案登録公報 (Y2)	Gazette the Utility Model
(12) 登録実用新案公報 (U)	Publication of Registered Utility Model Applications (*under non- substantive examination system)

\* Utility model system has been changed from substantive examination system to non-substantive examination system, since January 1, 1994.

- (21) Number(s) assigned to the application(s)

Bibliographic item(s)	Meaning
(21) 出願番号	Application number

- (22) Date(s) of filing the application(s)

Bibliographic item(s)	Meaning
(22) 出願日	Application date

- (11) Number of the patent, SPC or patent document

Bibliographic item(s)	Meaning
(11) 特許出願公開番号	Publication number of patent application
(11) 実用新案出願公開番号	Publication number of utility model application
(11) 特許出願公表番号	Publication number of Japanese translation of PCT international publication for patent application
(11) 実用新案出願公表番号	Publication number of Japanese translation of PCT international publication for utility model application
(11) 特許出願公告番号	* The number of examined patent application that is to be registered if anyone do not object to register it.
(11) 実用新案出願公告番号	* The number of examined utility model application that is to be registered if anyone do not object to register it.
(11) 特許番号	Patent number
(11) 実用新案登録番号	Utility model number

\* These numbers are given to applications that were published based on the pre-grant opposition system (the system which gives the public the opportunity of opposing the granting of a patent/utility model before the examiner's decision to grant the patent/utility model). This system was abolished in 1995, and the post-grant opposition system (the system which gives the public the opportunity of opposing the granting of a patent/utility model after the registration of the patent/utility model) has been adopted.

- (43) Date of making available to the public by printing or similar process of an unexamined patent document, on which no grant has taken place on or before the said date

Bibliographic item(s)	Meaning
(43) 公開日	Publication date
(43) 公表日	Publication date of Japanese translations of PCT international publication for patent / utility model applications

- (24) Date from which industrial property rights may have effect

Bibliographic item(s)	Meaning
(24) 登録日	Registration date
(24) (44) 公告日	*Date of publication of examined applications under pre-grant opposition system

\* This is the date when examined applications are issued to give the public the opportunity of opposing the granting of a patent /utility model before the examiner's decision to grant the patent/utility model under the pre-grant opposition system.

- (62) Number and, if possible, filing date of the earlier application from which the present patent document has been divided up

Bibliographic item(s)	Meaning
(62) 分割の表示	Indication of divisional application with the application number of the original application

- (71) Name(s) of applicant(s)

Bibliographic item(s)	Meaning
(71) 出願人	*Applicant

\* The description of applicant's name and address

- (72) Name(s) of inventor(s) if known to be such

Bibliographic item(s)	Meaning
(72) 発明者	*Inventor
(72) 考案者	*Creator of device

\* The description of the inventor's or creator's name and address

- (73) Name(s) of grantee(s), holder(s), assignee(s) or owner(s)

Bibliographic item(s)	Meaning
(73) 特許権者	*Patent right holder
(73) 実用新案権者	*Utility model right holder

\* The description of the patent right holder's or utility model right holder's name and address

- (74) Name(s) of attorney(s) or agent(s)

Bibliographic item(s)	Meaning
(74) 代理人	Attorney

- (31) Number(s) assigned to priority application(s)

Bibliographic item(s)	Meaning
(31) 優先権主張番号	Priority number

- (32) Date(s) of filing of priority application(s)

Bibliographic item(s)	Meaning
(32) 優先日	Priority date

- (33) WIPO Standard ST.3 code identifying the national industrial property office allotting the priority application number or the organization allotting the regional priority application number

Bibliographic item(s)	Meaning
(33) 優先権主張国	Priority country

- (86) Filing data of the PCT international application

Bibliographic item(s)	Meaning
(86) 国際出願番号	International application number
(86) (22) 出願日	(International) application date

- (87) Publication data of the PCT international application

Bibliographic item(s)	Meaning
(87) 国際公開番号	International publication number
(87) 国際公開日	International publication date

- (85) Date of commencement of the national phase pursuant to PCT Article 23(1) or 40(1)

Bibliographic item(s)	Meaning
(85) 翻訳文提出日	Submission date of Japanese translation of the PCT international application

- (81) Designated State(s) according to the PCT

Bibliographic item(s)	Meaning
(81) 指定国	*Designated state

\* The description of a designated state shall be based on the alphabetical two-letter code as prescribed in the WIPO Standard ST. 3 (e.g. "JP" for Japan).

- (57) Abstract or claim

Bibliographic item(s)	Meaning
(57) 【要約】	Abstract
(57) 【特許請求の範囲】	Claim of patent
(57) 【実用新案登録請求の範囲】	Claim of utility model

### 3 Defective drawing in PAJ CD-ROM 2001-7 [079]

The PAJ with publication number 2001-115902 stored in PAJ CD-ROM 2001-7[079] has an incomplete drawing, the lower part of the drawing is omitted.

The corrected drawing is stored in Searching PAJ, one of the IPDL services on our web-site (<http://www.jpo.go.jp>). Please see the corrected drawing in Searching PAJ on the IPDL if you need to confirm it.

**Patent Information Promotion Policy Office  
Japan Patent Office**

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