

KPA Search Manual



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Introduction of KPA Search

This manual helps to provide practical tips to make use of the KPA database available from the KIPRIS website.

KPA stands for Korean Patent Abstracts which is the English abstract of Korean patent produced and published by KIPO. KPA is available in CD-ROMs and through the KIPRIS website, you can search for Korean patent information via KPA search at the KIPRIS English website. KPA basically covers bibliographic information, English abstracts, and a representative drawing. In addition, English legal status information is available from KPA search in KIPRIS. Finally, the KPA database is accessible from two different search masks, one is General search and the other is Advanced search.

1. Search Interfaces

KPA search system has not only the interface, but also the contents in English, so it's possible to use English search terms. But to view the Korean full text properly, please install Korean Font for IE and Adobe Acrobat.

The data coverage of KPA search is limited to only Korean Patents published as English abstracts, from 1979 for examined patent publications and 2000 for unexamined patent publications. Please note the KPA data coverage prior to your search.

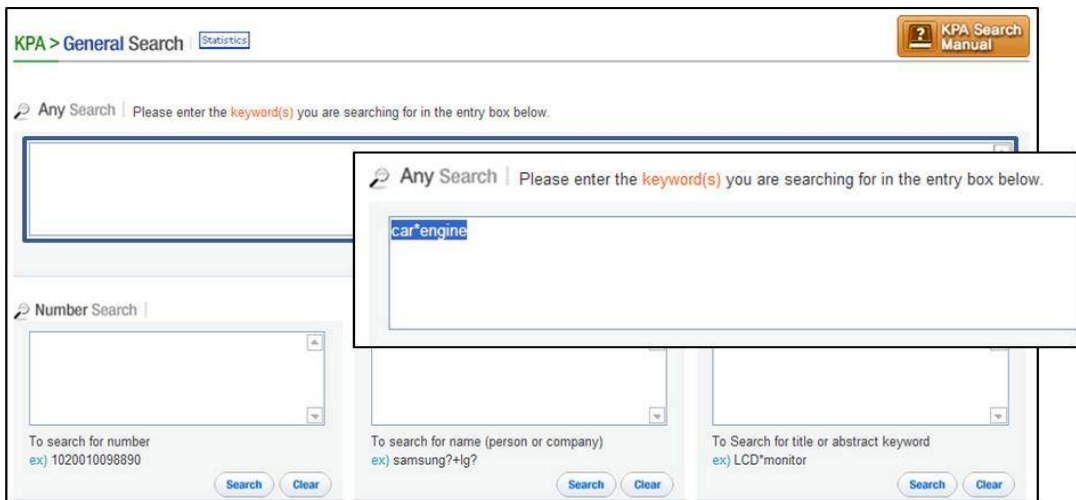
1.1 General Search

General Search provides simple and easy-to-use interface for first visiting users or for those who have very limited or unclear knowledge for searching.

Classification		Description	Example
Operator	AND(*)	Find results with all the search elements you specify	Phone?*case?
	OR(+)	Find results with at least one of search elements you specify	Cell?*+mobil?
	NOT(!)	Find results without the elements you specify	Car?*!clutch?
	Near(n)	Find results that have specified distance between each other	car*3brake
	Right Truncation(?)	Find results including spelling before "?"	tele?
	Phrase(" ")	Find results containing the exact phrase	"recognition system"

1.1.1 Any search (①)

You can put keywords, names, classifications, or numbers in the “Any Search” field. For instance, you can search from title of inventions, abstracts, international patent classification, publication numbers, priority numbers, and so on.



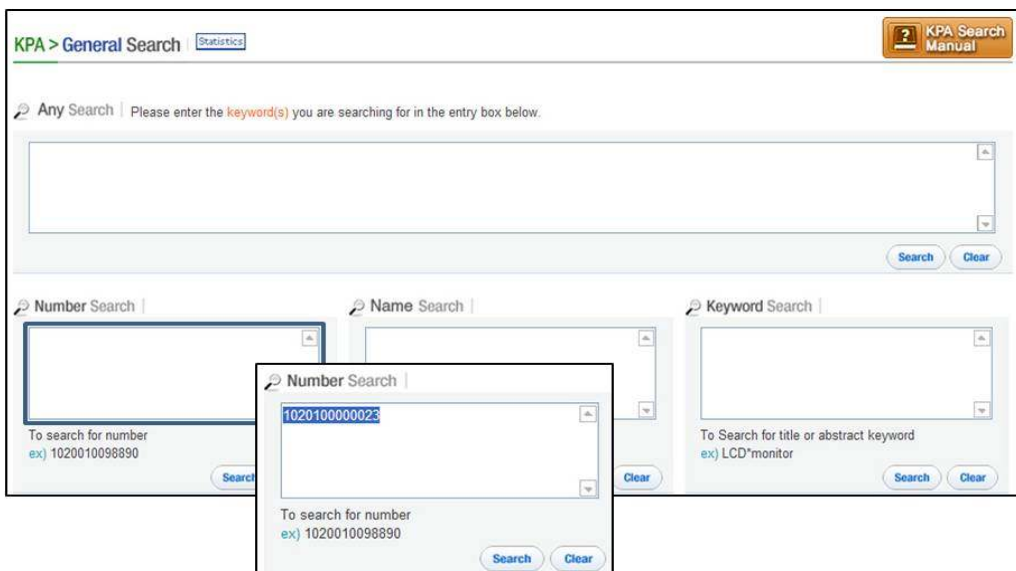
The screenshot shows the KPA search interface. At the top, there is a navigation bar with 'KPA > General Search' and a 'Statistics' link. A 'KPA Search Manual' button is in the top right. Below the navigation bar, there is a section for 'Any Search' with a prompt: 'Please enter the keyword(s) you are searching for in the entry box below.' A large text input field contains the text 'car*engine'. Below this, there are three search options: 'Number Search' (with an example '1020010098890'), 'Name Search' (with an example 'samsung?+lg?'), and 'Keyword Search' (with an example 'LCD*monitor'). Each option has a 'Search' and 'Clear' button.

1.1.2 Number Search (②)

You can search for application numbers or publication numbers (registration numbers or unexamined numbers) except priority numbers. The number format must be 13 digits for searching application numbers or publication numbers, and 9 digits for registration numbers.

※ Please refer to the Patent Document Number Format at

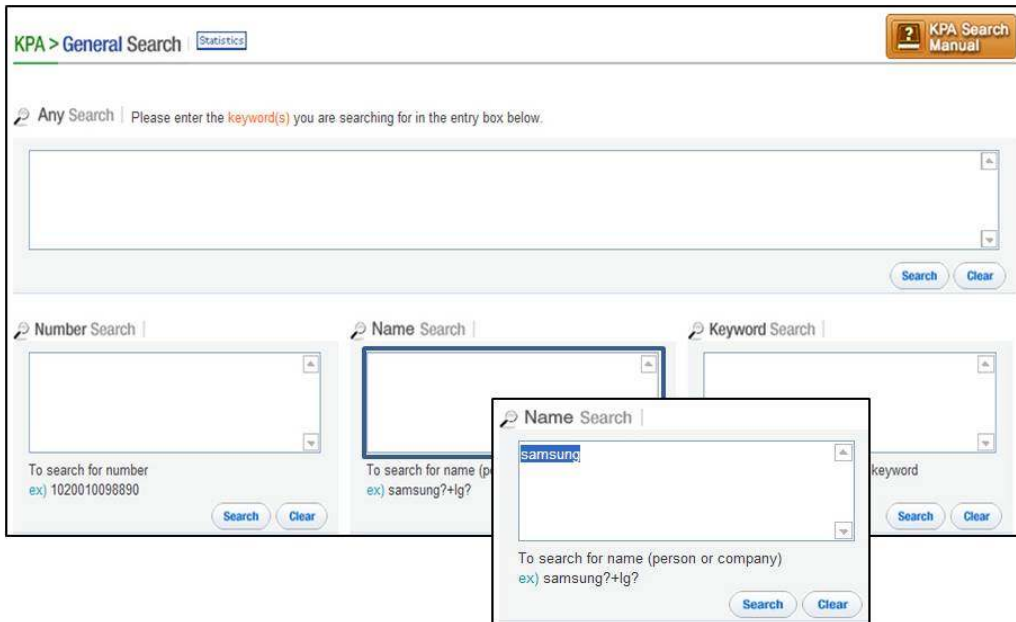
http://kpa.kipris.or.kr/eng/search_guide/howto_search.jsp.



The screenshot shows the KPA search interface. At the top, there is a navigation bar with 'KPA > General Search' and a 'Statistics' link. A 'KPA Search Manual' button is in the top right. Below the navigation bar, there is a section for 'Any Search' with a prompt: 'Please enter the keyword(s) you are searching for in the entry box below.' Below this, there are three search options: 'Number Search', 'Name Search', and 'Keyword Search'. The 'Number Search' option is highlighted, and its input field contains the text '1020100000023'. Below this, there are three search options: 'Number Search' (with an example '1020010098890'), 'Name Search', and 'Keyword Search' (with an example 'LCD*monitor'). Each option has a 'Search' and 'Clear' button.

1.1.3 Name Search (③)

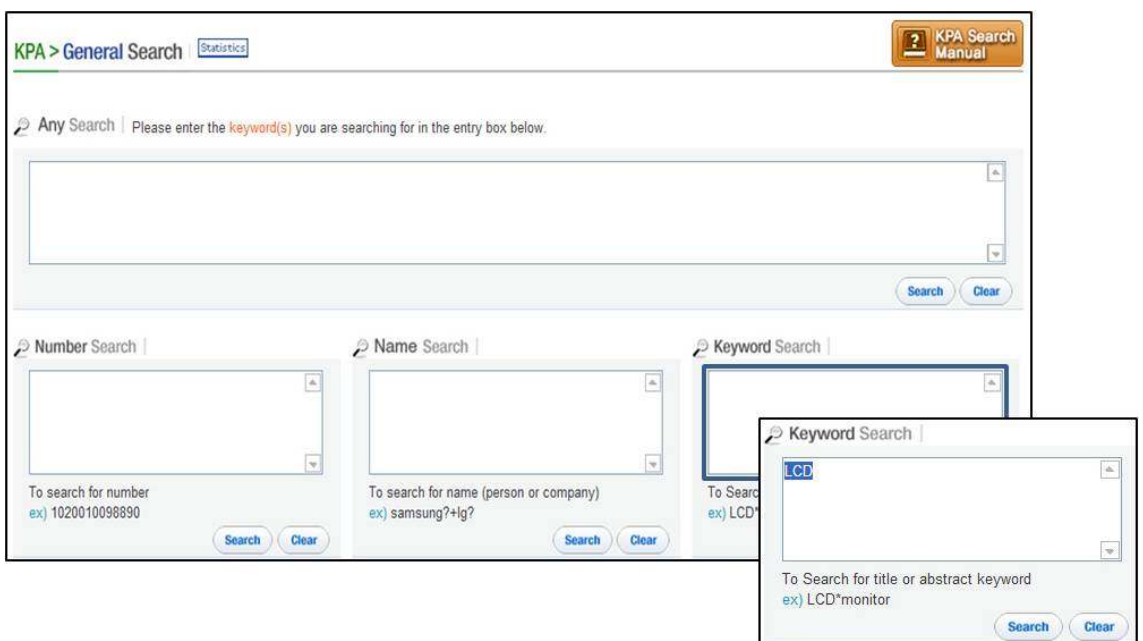
You can search with applicant or inventor names (company or individual names). It is possible to omit 'Co.' or 'Ltd.' for searching company names and using the right truncation will return more relevant search results.



The screenshot shows the 'KPA > General Search' interface. At the top, there is a 'Statistics' link and a 'KPA Search Manual' button. Below this is an 'Any Search' section with a large text input box and 'Search' and 'Clear' buttons. Underneath are three search categories: 'Number Search', 'Name Search', and 'Keyword Search'. The 'Name Search' field is highlighted with a blue border. A pop-up window titled 'Name Search' is overlaid on top, showing the text 'samsung' in the input box. Below the input box, it says 'To search for name (person or company)' and 'ex) samsung?+lg?'. There are 'Search' and 'Clear' buttons at the bottom of the pop-up.

1.1.4 Keyword Search (④)

You can search for title of inventions and abstracts in the "Keyword Search" field.



The screenshot shows the 'KPA > General Search' interface. At the top, there is a 'Statistics' link and a 'KPA Search Manual' button. Below this is an 'Any Search' section with a large text input box and 'Search' and 'Clear' buttons. Underneath are three search categories: 'Number Search', 'Name Search', and 'Keyword Search'. The 'Keyword Search' field is highlighted with a blue border. A pop-up window titled 'Keyword Search' is overlaid on top, showing the text 'LCD' in the input box. Below the input box, it says 'To Search for title or abstract keyword' and 'ex) LCD*monitor'. There are 'Search' and 'Clear' buttons at the bottom of the pop-up.

1.1.5 Statistics(⑤)

If you click the 'Statistics' icon, you can check the data coverage of KPA.

Data Coverage of KPA
 Database is updated daily but some data can be missed from the update. Database covers the data from 1979 to one day prior to today.

Last Update : Dec. 8, 2010

Kind	Publication date	Number of records
Examined (B1)	Jan. 1, 1979 ~ Aug. 23, 2010	323,643
Unexamined (A)	Feb. 1, 1999 ~ Aug. 23, 2010	1,260,214

1.1.6 Operators(⑥)

You can use Boolean operators and other symbols in order to increase your chances of finding a patent that matches your query.

Classification		Description	Example
Operator	AND(*)	Find results with all the search elements you specify	Phone?*case?
	OR(+)	Find results with at least one of the search elements you specify	Cell?+mobil?
	NOT(!)	Find results without the elements you specify	Car?*!clutch?
Near(^n)		Find results that have specified distance between each other	car^3brake
Right Truncation(?)		Find results including spelling before "?"	tele?
Phrase(" ")		Find results containing the exact phrase	"recognition system"

※ Capital and non-capital letters are not differentiated.

1.1.7 KPA search manual (⑦)

If you click the 'KPA search manual' icon, you can see or download a manual file (*.PDF) for guiding the KPA search.

1.2 Advanced Search

Advanced Search allow users to specify range of search for each field based on keywords, numbers, dates and names, and/or a combination of these fields for quicker access to the information. For instance, if you would like to search patents related to 'mobile' in abstract filed by 'Samsung', you can follow the below screen shot.

※ The number in the blank before the name of each field represents the Identification of Bibliographic Data (INID) code.

Classification	Description	Example
Operator	AND(*)	Find results with all the search elements you specify
	OR(+)	Find results with at least one of search elements you specify
	NOT(!)	Find results without the elements you specify
Near(/n)	Find results that have specified distance between each other	car*3brake
Right Truncation(?)	Find results including spelling before "?"	tele?
Phrase(" ")	Find results containing the exact phrase	"recognition system"

1.2.1 Applicant (71), Inventor (72)

This search field is to search with applicant or inventor names. Please omit 'Inc' or 'co., Ltd.', if you search for corporation names.

Ex) Samsung electronics, LG

1.2.2 Publication(Reg.) No. (11)

This search field is to search with a publication or registration number assigned to a patent application when it is published.

1.2.3 Publication Date (43), Application Date (22)

This search field is used to search with a specific application date or a range of application date. The date format is made up of 4-digit year, 2-digit month and 2-digit day.

1.2.4 Application Number (21)

This search field is used to search with an application number assigned to a patent application when it is filed, wherein the application number is made up of a kind of rights(two digits), year of filing(four digits), and serial number(seven digits).

Ex) If an application number is "10-2010-0001234", it is searchable by formatting as 1020100001234.

1.2.5 Priority Number (30)

This search field is used to search with a priority number claimed by a patent application when it is filed. The priority number must be identical to the priority number filed by the applicant to be retrieved.

Ex) Priority No.: KR1020080061708

1.2.6 IPC (51)

All documents are reclassified(IPC reform) and searchable by Sections(A to H), Classes(ex:A21, A22), Subclasses(ex:A21B, A21C), Main group(ex:A21B1) and subgroup(ex:A21B1/00). You can search for all the IPCs assigned to an application. Please enter IPC number directly in the Keyword entry box.

Ex) A47C3/16, H04Q

1.2.7 Title of invention (54)

This search field is used to search with keywords in the title of invention.

1.2.8 Abstract (57)

This search field is used to search with keywords in abstract.

1.2.9 Combination Search

You can search patents that you want to find by combining your search terms with the Boolean operators.

2. Search Result

2.1 Result list – Simple, Abstract and Drawing mode

There are three options you can use to view the result list, one is Simple mode, another is Abstract mode, and the other is Drawing mode. You can change the result list view option from Simple mode to Abstract mode or Drawing mode by clicking on the Abstract or the Drawing next to the Simple. Once you select Abstract mode, the abstract of each patent will be displayed with the result list. Also, when you select Drawing mode, the representative drawing of each patent will be displayed with the result list.

The image displays three screenshots of the KPA Search Results interface, illustrating different view modes for search results.

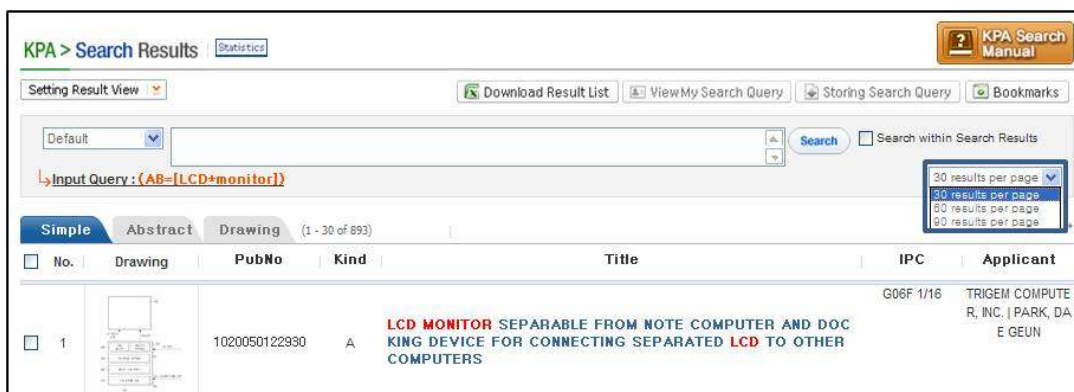
Top Screenshot (Simple View): Shows a search results table with columns for No., Drawing, PubNo, Kind, Title, IPC, and Applicant. The search query is (AB=LCD+monitor). The results list includes patent entries such as 1020050122930, 1020060062706, 100710814, 1020010105924, 1020040032605, and 1020080038752.

Middle Screenshot (Abstract View): Shows the abstract for the selected patent (1020050122930). The abstract text describes the purpose and constitution of the LCD monitor system. The IPC class is G06F 1/16 and the applicant is TRIGEM COMPUTER, INC. | PARK, DAE GEUN.

Bottom Screenshot (Drawing View): Shows a grid of representative drawings for the search results. Each drawing is accompanied by the patent number and IPC class, such as 1020050122930 (G06F 1/16), 1020060062706 (G06F 1/16), 100710814 (H04N 5/44 | G06F 1/16), 1020010105924 (B60R 1/04), 1020040032605 (G06F 1/16), 1020080038752 (B60R 1/10), 1020050058050 (G06F 1/16), 1020020059213 (G06F 1/16), 1020020095965 (B60R 1/10), 100675427 (G06F 1/16), 1020010053963 (H04N 5/655), 1020010025756 (G06F 1/16), 1020020082191 (G06F 1/16), 1020030046300 (G06F 1/16), and 1020040013886 (G06F 1/16). A note on the right indicates that drawings are shown in a smaller size than the original to fit the page.

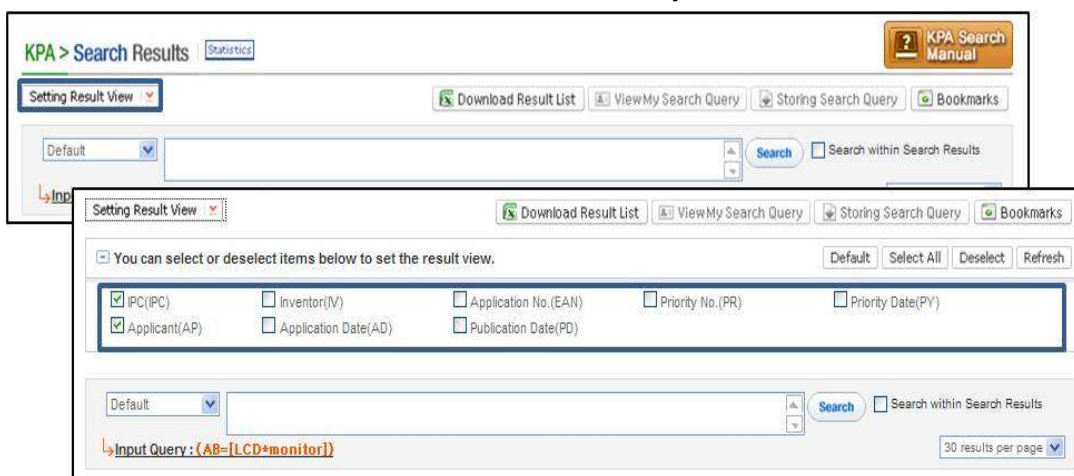
2.2 Changing the number of documents displayed per page

You can change the number of results displayed per page. There are three choices for setting up the number of hits displayed per page, 30 or 60 or 90 documents.



2.3 Setting result view

If you click the 'Setting result view' bar, you can see a check box for setting the result view. You can choose and view the result list you want.



2.4 Search within results

Search within results allows you to add search terms to the current results to narrow down more relevant hits. Please mark the check box before 'Search within search results' and put search terms in the box.



2.5 Downloading result list(⑧)

If you click the 'Download result list' icon, you can download an Excel file including bibliographies (Publication No., Kind, Title, IPC, Applicant) about the search result.

2.6 Viewing & storing search query(⑨)

You can store a search query you used through the 'Storing search query' icon and then view the search query through 'View my search query' icon.

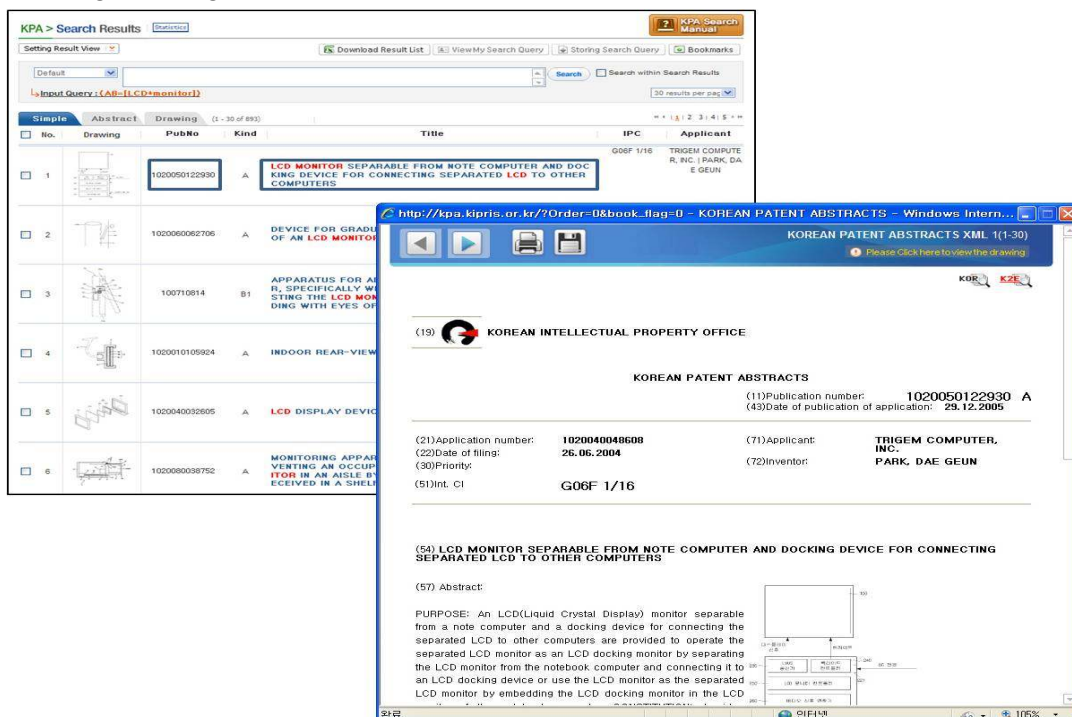
2.7 Bookmarks(⑩)

If you click the 'Bookmarks' icon after marking the check box before the publication number on the result list, you can see only the search result you want.



2.8 View KPA document

You can view KPA documents by clicking on the publication number or the title. The KPA documents include bibliographic data, English abstract, representative drawing, and legal status information.



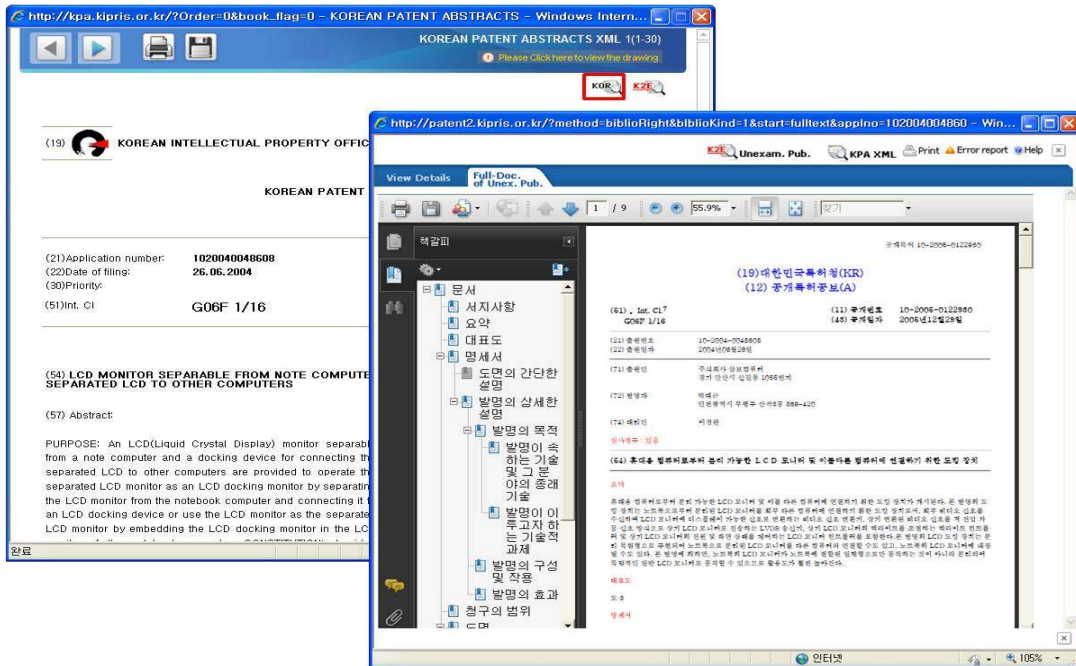
By using the arrow(⑪) in the KPA document pop-up window, you can browse to the next or previous KPA document.



You can also print and download the KPA document by clicking the 'print' icon(⑫) and 'save' icon(⑬).

2.9 View Korean patent full document

You can access to Korean patent full document or K2E-PAT (Machine translation) service by clicking each icon on the upper right part of the pop-up window.



The K2E-PAT service is fee based, therefore you will need to pay to view the machine translated full document.



2.10 Legal status

You can see the legal status information at the bottom of the document. If you want more information about the legal status, please click the 'For more registration information' icon(14). You can see a registration fee, the information of a proprietor, etc. in the pop-up window.

