

D. Decision of search formulae - 1/3

- Search formulae are created based on search scope and database
- Search scope determines the <u>contents</u> of search formulae.
 - When search scope is "pen AND clip AND cap", search formulae can be <u>"(pen*clip*cap)/tx</u>".
- Database determines the <u>description methods</u> of search formulae.
 - When classification(IPC) is assigned to documents in the database, search formulae whose search scope is "pen AND clip AND cap" can be "<u>B43K9/00 * clip/tx</u>" (B43K9/00 : Cap for pen)

*Search formulae are described so as to be available in JPO's search system

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Next, I will explain how to determine and create a search formula.

A search formula is determined based on the search scope and database.

The search scope determines the content of search formulae.

For example, if the search scope is "pen AND cap AND clip", the search formula is

"(pen*cap*clip)/tx" (* means logical product, /tx means text search).

The database determines the description method of the search formula.

IPC "B43K9/00" represents "a cap of a pen". Therefore, if IPC symbols are assigned to the documents on database, the search formula "B43K9/00*clip/tx" can be used.

II. Search Strategy



D. Decision of search formulae - 2/3

~ Tips for keyword search ~



*Search formulae are described so as to be available in JPO's search system

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Next, I'll explain the keyword search technique.

If the scope of the claim is "A pen having a clip and a cap", the search formula will be "(pen*cap*clip)/tx".

"Pin" is a synonym of "clip", so you can reduce the chance of overlooking prior art by creating the search formula (pen*[clip+pin]*cap)/tx.

Also, you can use the proximity search to search for "pen", "clip", and "cap" that occurs within ten words from each other. This allows you to eliminate irrelevant documents from search results, and increases the odds of yielding search results that include documents you wish to find.

II. Search Strategy



D. Decision of search formulae - 3/3

~ Tips for classification search~



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Next, I will explain classification searches.

If the claim is "a pen having a clip and a cap" and no IPC symbols are assigned to the documents on databases, the search formula will be "pen*clip*cap/tx".

IPC symbol "B43K9/00" represents "a cap of a pen". Therefore, if documents are classified according to the IPC, you can also use the search formula "B43K9/00*clip/tx".

Also, FI symbol "B43K9/00@F" represents "a cap of a pen having a clip". Therefore, if documents are classified according to FI, you can use the search formula "B43K9/00@F" as well.