





Orbit chemistry

Orbit Chemistry - Indexation

- Molecules readily extracted every time a patent enters our database → No delay
- Orbit Chemistry **indexes**:
 - Common names (e.g. Toluene, Aspirin)
 - Drug names (e.g. Paracetamol, Doliprane)
 - Acronyms (e.g. ATP for "Adenosine Triphosphate")
 - IUPAC names
 - CAS numbers
 - Molecules drawings (images for US, WO, EP and JP after 2007 and MOL files for US, also starting from 2007)
- Orbit Chemistry allows to search*:
 - SMILES



^{*}not indexed but translated to IUPAC name by the system.

Orbit chemistry – Geographic coverage

Geographic coverage*

Extraction from full texts in English (description and examples included):

US, EP, CA, GB, IL, WO, AU, IN

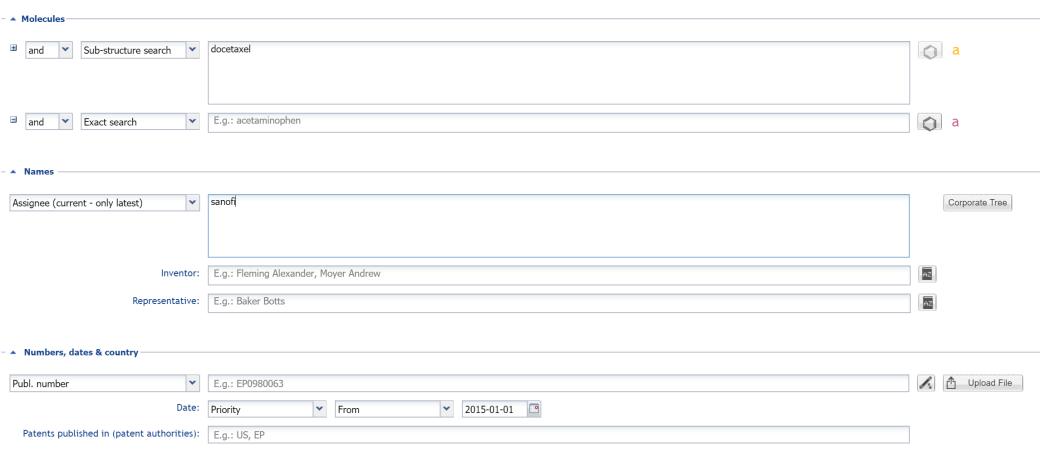
And from machine translation:

CN, DE, FR, JP, KR

*Same coverage as concepts' extraction

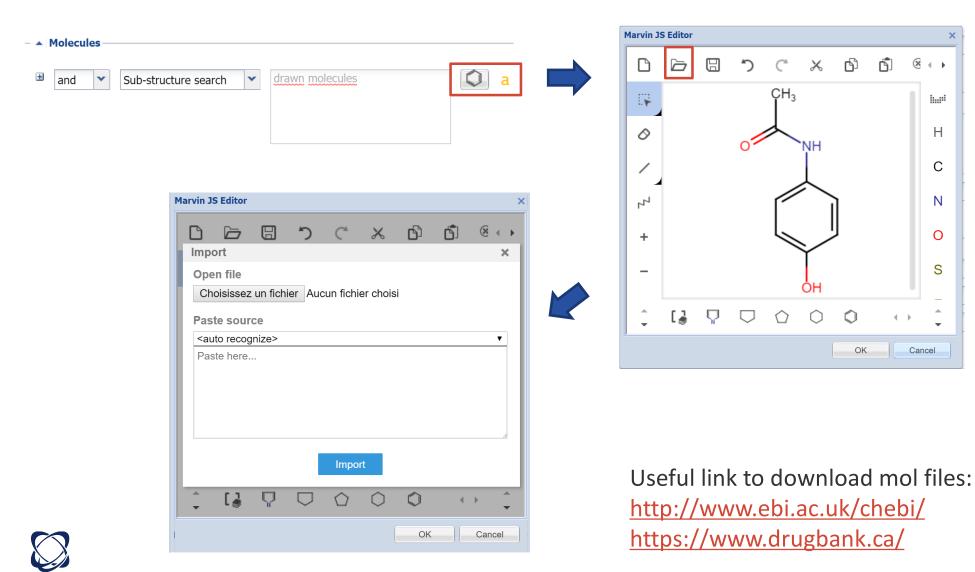


Fully integrated to advanced search Easy combination with applicants' names, legal states and keywords...

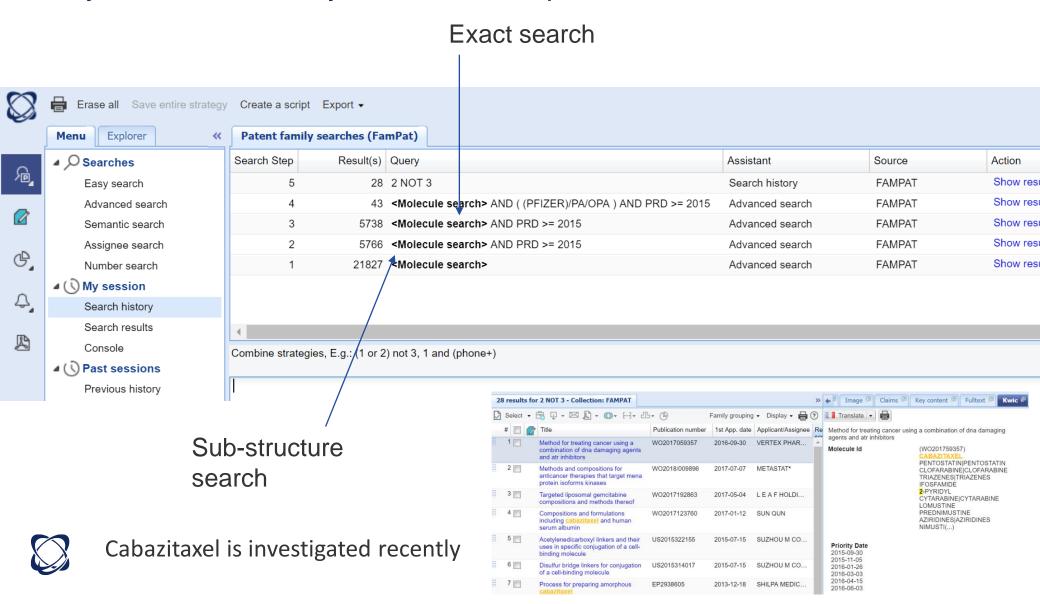




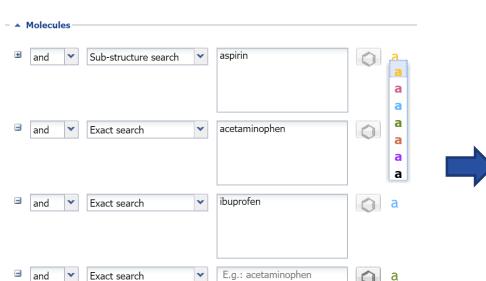
Draw or import easily molecules you receive from your researchers



Easy combination of your search steps

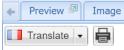


Molecules combination possible Easy review thanks to highlighting feature









sodium starch glycolate.

4. A process as claimed in any one of claims 1 to 3 in which the dispersion additionally contains or

Kev content 4

Fulltext 4

Kwic 4

Citations

Claims 4

- 5. A process as claimed in claim 1 in which the spray dried dispersion consists essentially of about 4 about 90% by weight ibuprofen, about 1.5% to about 6% by weight of a disintegrant selected from the consisting of crospovidone, croscarmellose sodium and sodium starch glycolate, about 8% to about 1 weight pregelatinized starch and about 0.2% to about 2% by weight of a wetting agent selected from class consisting of a polyvinylpyrrolidone and sodium lauryl sulfate.
- 6. A process as claimed in claim 5 which additionally contains about 0.1% to about 0.35% by we
- 7. A process for preparing a coated compressed tablet containing ibuprofen characterised in the product of the process claimed in any one of claims 1 to 6 is incorporated as the ibuprofen componer 8. A process as claimed in claim 7 wherein the tablet is a sugar coated compressed tablet.

Description

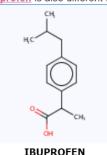
(EP-298666)

The invention relates to spray dried compositions comprising agglomerates of ibuprofen in a gela starch matrix and to a method for manufacture thereof.

The commercial analgesic, aspirin, can be dry-mixed with starch and is then directly compressit tablets. The commercial analgesic acetaminophen, on the other hand, cannot be similarly dry mixe directly compressed but must be further processed such as, for example, by wet granulation; by drying acetaminophen with pre-gelatinized starch as described in European Pat. Appln. EP 40,472 fluidizing acetaminophen and cross-linked sodium carboxymethyl cellulose in hot air, pulverizi mixture with pregelatinized starch paste, and drving as described in Fr. Demande FR 2.496.461.

The commercial analgesic ibuprofen is also different from aspirin in that it cannot be dry-mixed with and directly compressed in granulation of a binder and compressed into tablets. T of the equipment costs, tin United States Patent 4.609 The present invention pro tablets. The spray dried co and tabletting operation wi with a minimal rejection ra dried compositions have properties, and have excell The spray dried ibuprofen starch matrix and may b

ibuprofen, as a disintegra

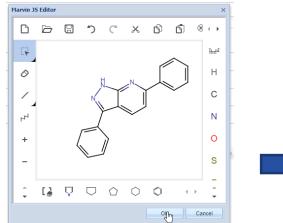


uprofen tablets have been prepared from d with lubricants and disintegrating ager cessing steps and is disadvantageous be rate. A dry granulation process is descr

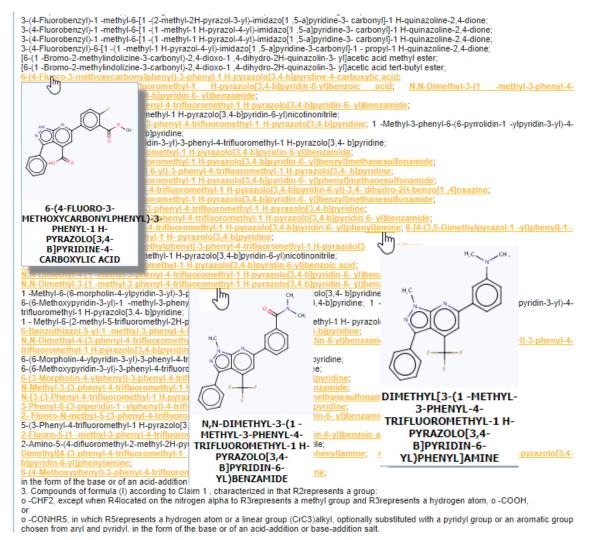
composition which is directly compressib simplify production of tablets to a simple nounts of conventional tabletting lubricar blets. Moreover, tablets formed from the ect of friability, disintegration and diss high dosage levels of ibuprofen.

mprise finely divided ibuprofen in a gela ape. The spray dried compositions co ose sodium and/or sodium starch glv

Rapidly identify similar structure thanks to substructure search and advanced highlighting feature









Chemistry module Value added

- Fast indexation of patents
- Easy combination of molecule search with Orbit high quality database (keyword or even sequence search)
- Easy review of patents



Orbit IPBI solutions foster IP stakeholders in all their IP activities.

Thank you!!!











