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Example of a search for cauliflower (*Brassica oleracea*)

How to search on Espacenet (<https://worldwide.espacenet.com/>)

Step 1: Under ‘**Classification search**’, search for classifications using the keyword ‘plant’ and select the relevant results (angiosperms, i.e. flowering plants):

Classification search

plant Search

Index | A | B | C | D | E | F | G | H | Y

Classification symbol	Title and description
<input type="checkbox"/> C12N 15/00	Mutation or genetic engineering; DNA or RNA concerning genetic engineering, vectors, e.g. plasmids, or their isolation, preparation or purification; Use of hosts therefor (mutants or genetically engineered microorganisms, per se C12N 1/00, C12N 5/00, C12N 7/00, new plants per se A01H); plant reproduction by tissue culture techniques A01H 4/00; new animals per se A01K 67/00; use of medicinal preparations containing genetic material which is inserted into cells of the living body to treat genetic diseases, gene therapy A61K 48/00
<input type="checkbox"/> Y02A 40/00	Adaptation technologies in agriculture, forestry, livestock or agroalimentary production
<input type="checkbox"/> A61K 31/00	Medicinal preparations containing organic active ingredients
<input checked="" type="checkbox"/> A01H 6/00	Angiosperms, i.e. flowering plants, characterised by their botanic taxonomy
<input type="checkbox"/> A61K 36/00	Medicinal preparations of undetermined constitution containing material from algae, lichens, fungi or plants, or derivatives thereof, e.g. traditional herbal medicines (antigens from pollen A61K 39/36)
<input checked="" type="checkbox"/> A01H 5/00	Angiosperms, i.e. flowering plants, characterised by their plant parts; Angiosperms characterised otherwise than by their botanic taxonomy
<input type="checkbox"/> Y02P 60/00	Technologies relating to agriculture, livestock or agroalimentary industries
<input type="checkbox"/> A23L 33/00	Modifying nutritive qualities of foods; Dietetic products; Preparation or treatment thereof
<input type="checkbox"/> A01G 9/00	Cultivation in receptacles, forcing-frames or greenhouses (of mushrooms A01G 18/00; soilless cultivation A01G 31/00); Edging for beds, lawn or the like
<input type="checkbox"/> A01G 7/00	Botany in general

Selected classifications

- A01H5/00/low
- A01H6/00/low

Clear

Find patents

Step 2: Carry out an ‘Advanced search’ (in the previously selected classifications) using the keyword ‘cauliflower’ and limit it to European and Swiss patent documents:

The screenshot shows the Espacenet patent search interface. At the top, the search query is: `(cpc = "A01H5/00/low" OR cpc = "A01H6/00/low") AND ctx = "cauliflower" AND (pn = "EP" OR pn = "CH")`. The 'Advanced search' tab is selected, indicated by a green arrow. The search criteria are defined in a hierarchical structure:

- AND** (Operator)
- OR** (Group)
 - CPC** (Field) = `A01H5/00/low` (Value)
 - CPC** (Field) = `A01H6/00/low` (Value)
- Title, abstract or claims** (Field) = `cauliflower` (Value)
- OR** (Group)
 - Publication number** (Field) = `EP` (Value)
 - Publication number** (Field) = `CH` (Value)

At the bottom left, the 'Search' button is highlighted with a green arrow. The search results on the right show 23 results found, with the first five results listed:

- 1. RESISTANCE TO XANTHOMONAS CAMPESTRIS PV...**
EP 3607819A1 • 2020-02-12 • VILMORIN ET CIE [FR]
Earliest priority: 2018-08-10 • Earliest publication: 2020-02-12
...The present invention relates to resistance to *Xanthomonas campestris* pv. *campestris* (Xcc) in **cauliflower**. According to the invention, the resistance is provided by DNA sequences, introgressed from a green
- 2. A cruciferous plant having a high carotene content**
EP 1287736A2 (A3,B1) • 2003-03-05 • SHINTAKU YURIE [JP]
Earliest priority: 1993-12-24 • Earliest publication: 1995-06-25
There is provided a novel cruciferous plant having a gene which makes the color of a curd in **cauliflower** orange...
- 3. NOVEL CAMPANULA FLAVONOID 3',5'-HYDROXYLA...**
EP 2845901A1 (A4) • 2015-03-11 • SUNTORY HOLDINGS L...
Earliest priority: 2012-04-16 • Earliest publication: 2013-10-24
There is provided a novel *Campanula* flavonoid 3',5'-hydroxylase gene, and a plasmid comprising the gene under the control of the **cauliflower** mosaic virus 35S promoter.
- 4. SELF-COMPATIBLE BRASSICA OLERACEA PLANT A...**
EP 3756454A1 (A4) • 2020-12-30 • SAKATA SEED CORP [JP]
Earliest priority: 2018-02-23 • Earliest publication: 2019-08-29
... **cauliflower** and Chinese kale. According to one embodiment of the present invention, a *Brassica oleracea* plant having self-compatibility is...
- 5. Insect resistant cotton plants and methods for identifyin...**
EP 2615173A1 (B1) • 2013-07-17 • BAYER CROPS SCIENCE ...
Earliest priority: 2007-06-11 • Earliest publication: 2008-12-18
The invention provides specific transgenic cotton plants, plant material and seeds, characterized in that these products harbor a specific transformation

How to search on PINTO

Search by 'Species' (Cauliflower) and 'Variety Denomination' (Clarify).

New varieties were added to PINTO on 3 January 2022.

CAULIFLOWER (BEASSICA OLERACEA L.) x CLARIFY

Patent Title Patent Number Patent Holder Filter

Export Search Results

SPECIES	VARIETY DENOMINATION	PATENTS
CAULIFLOWER (BEASSICA OLERACEA L.)	CLARIFY	^
PATENT TITLE	PATENT NUMBER	PATENT HOLDER
CLUBROOT RESISTANT BRASSICA OLERACEA PLANTS	EP1525317	SYNGENTA PARTICIPATIONS AG

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