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## Exemple de recherche pour le chou-fleur (Cauliflower, *Brassica oleracea*)

Recherche sur Espacenet (<https://worldwide.espacenet.com/>)

Étape 1 : Rechercher dans « Recherche dans la classification » les classes pertinentes avec le mot clé « plant » et sélectionner les résultats pertinents (plantes à fleurs « Angiosperms ») :

The screenshot shows the Espacenet Patent search interface. At the top, there is a search bar with the text "Enter your search terms" and a search icon. Below the search bar, there are navigation tabs: "My Espacenet", "Help", "Classification search", and "Results". The "Classification search" tab is active. The search results are displayed in a table with columns for "Classification symbol" and "Title and description". The search term "plant" is entered in the search bar. The results table shows several entries, with "A01H 5/00" selected. To the right of the results table, there is a "Selected classifications" section with a "Find patents" button. Green arrows point to the search bar, the "Classification search" tab, the search results table, and the "Find patents" button.

Classification search

plant

Search

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

Classification symbol Title and description

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

**Étape 2 :** Effectuer une recherche détaillée dans « Recherche avancée » (dans les classes déjà sélectionnées) avec le mot clé « cauliflower », en limitant la recherche aux documents de brevets européens et suisses :

The screenshot shows the Espacenet patent search interface. At the top, the search query is displayed as: `(cpc = "A01H5/00/low" OR cpc = "A01H6/00/low") AND cbtx = "cauliflower" AND (pn = "EP" OR pn = "CH")`. The interface includes tabs for "My Espacenet", "Help", "Classification search", "Results", "Advanced search", "Filters", and "Popup tips". The "Results" tab is active, and the "Advanced search" option is selected.

The search criteria are defined in a structured manner:

- Group 1:** OR of two CPC classes: A01H5/00/low and A01H6/00/low.
- Group 2:** Title, abstract or claims containing the keyword "cauliflower".
- Group 3:** OR of two publication number fields: EP and CH.

The search results show 23 results found. The first five results are listed below:

- 1. RESISTANCE TO XANTHOMONAS CAMPESTRIS PV...**  
 EP3607819A1 • 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**  
 EP1287736A2 (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...**  
 EP2845901A1 (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...**  
 EP3756454A1 (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 identifiyin...**  
 EP2615173A1 (B1) • 2013-07-17 • BAYER CROPSCIENCE ...  
 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

Green arrows in the image point to the "Advanced search" tab, the "cauliflower" search field, and the "Search" button.

## Recherche dans Pinto

Rechercher par « Species » (Cauliflower) et « 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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