

Title (en)

HERBICIDE RESISTANT CAMELINA SATIVA

Title (de)

HERBIZIDRESISTENTER CAMELINA SATIVA

Title (fr)

CAMELINA SATIVA RÉSISTANT AUX HERBICIDES

Publication

**EP 2458973 A4 20130501 (EN)**

Application

**EP 10789853 A 20100615**

Priority

- US 26871609 P 20090615
- US 2010001704 W 20100615

Abstract (en)

[origin: WO2010147636A1] This disclosure provides a novel herbicide resistant plant, a method to transform Camelina sativa for herbicide resistance and a method for an improved in vitro regeneration of transformed plants.

IPC 8 full level

**A01H 5/00** (2006.01); **C12N 15/82** (2006.01)

CPC (source: EP)

**C12N 15/8205** (2013.01); **C12N 15/8274** (2013.01)

Citation (search report)

- [A] US 2009151023 A1 20090611 - KUVSHINOV VIKTOR [FI], et al
- [IP] ANONYMOUS: "Great Plains to increase Camelina's Tolerance to Herbicides", 27 August 2009 (2009-08-27), XP002693795, Retrieved from the Internet <URL:<https://www.camelinacompany.com/Marketing/PressRelease.aspx?Id=26>> [retrieved on 20130313]
- [I] M. SHIMIZU ET AL: "Selectable Tolerance to Herbicides by Mutated Acetolactate Synthase Genes Integrated into the Chloroplast Genome of Tobacco", PLANT PHYSIOLOGY, vol. 147, no. 4, 1 August 2008 (2008-08-01), pages 1976 - 1983, XP055056175, ISSN: 0032-0889, DOI: 10.1104/pp.108.120519
- [A] JENNIFER A. MCCOURT, ET AL.: "Herbicide-binding sites revealed in the structureof plant acetohydroxyacid synthase", PNAS, vol. 103, no. 3, 17 January 2006 (2006-01-17), pages 569 - 573, XP055056378, DOI: 10.1073/pnas.0508701103
- [A] D T EHRENSING AND S O GUY: "Oilseed Crops - Camelina", January 2008 (2008-01-01), pages 1 - 7, XP002693796, Retrieved from the Internet <URL:<http://extension.oregonstate.edu/catalog/pdf/em/em8953-e.pdf>> [retrieved on 20130313]
- [A] MARIE E. WALSH: "Potential New Bioenergy and Bioproduct Crops", 15 February 2007 (2007-02-15), pages 1 - 51, XP002693797, Retrieved from the Internet <URL:[http://bioweb.sungrant.org/NR/rdonlyres/412311DC-DB61-45C6-869E-76E3453299AF/0/PotentialNewCrops\\_pdf\\_07\\_03\\_10MEWalsh.pdf](http://bioweb.sungrant.org/NR/rdonlyres/412311DC-DB61-45C6-869E-76E3453299AF/0/PotentialNewCrops_pdf_07_03_10MEWalsh.pdf)> [retrieved on 20130313]
- See references of WO 2010147636A1

Citation (examination)

- WO 0238779 A1 20020516 - UNICROP LTD [FI], et al
- 1 August 2007 (2007-08-01), Retrieved from the Internet <URL:<http://magissues.farmprogress.com/WFS/WS08Aug07/wfs036.pdf>>

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

**WO 2010147636 A1 20101223**; AU 2010260518 A1 20111103; CA 2758247 A1 20101223; EP 2458973 A1 20120606; EP 2458973 A4 20130501

DOCDB simple family (application)

**US 2010001704 W 20100615**; AU 2010260518 A 20100615; CA 2758247 A 20100615; EP 10789853 A 20100615