

Title (en)
SUBSTITUTED VINYL AND ALKINYL CYCLOHEXENOLS AS ACTIVE AGENTS AGAINST ABIOTIC STRESS IN PLANTS

Title (de)
SUBSTITUIERTE VINYL- UND ALKINYL-CYCLOHEXENOLE ALS WIRKSTOFFE GEGEN ABIOTISCHEN PFLANZENSTRESS

Title (fr)
VINYL- ET ALCINYL-CYCLOHEXÉNOLS SUBSTITUÉS EN TANT QUE PRINCIPES ACTIFS CONTRE LE STRESS ABIOTIQUE DES VÉGÉTAUX

Publication
EP 2697214 A1 20140219 (DE)

Application
EP 12710948 A 20120328

Priority

- EP 11162599 A 20110415
- US 201161475861 P 20110415
- EP 2012055479 W 20120328
- EP 12710948 A 20120328

Abstract (en)
[origin: WO2012139891A1] The invention relates to substituted vinyl and alkinyl cyclohexenols of general formula (I) and the salts thereof, in which the radicals R1, R2, R3, R4, R5, [X-Y] and Q have the definitions specified in the description, to methods for the production thereof and the use thereof for enhancing stress tolerance in plants against abiotic stress and/or for increasing plant yield.

IPC 8 full level
C07D 317/20 (2006.01); **C07C 403/00** (2006.01); **C07D 403/00** (2006.01)

CPC (source: CN EP US)
A01N 33/24 (2013.01 - US); **A01N 35/06** (2013.01 - CN EP US); **A01N 35/10** (2013.01 - EP US); **A01N 37/36** (2013.01 - CN EP US); **A01N 37/42** (2013.01 - CN EP US); **A01N 41/06** (2013.01 - EP US); **A01N 43/08** (2013.01 - CN EP US); **A01N 43/10** (2013.01 - EP US); **A01N 43/28** (2013.01 - EP US); **A01N 43/30** (2013.01 - CN US); **A01N 43/50** (2013.01 - CN EP US); **A01N 43/54** (2013.01 - CN EP US); **A01N 55/00** (2013.01 - EP US); **C07C 49/747** (2013.01 - CN EP US); **C07C 69/757** (2013.01 - CN EP US); **C07C 69/76** (2013.01 - CN EP US); **C07C 233/25** (2013.01 - EP US); **C07C 235/84** (2013.01 - EP US); **C07C 251/44** (2013.01 - CN EP US); **C07C 251/48** (2013.01 - EP US); **C07C 255/56** (2013.01 - EP US); **C07C 311/08** (2013.01 - EP US); **C07C 311/29** (2013.01 - EP US); **C07C 403/00** (2013.01 - EP US); **C07D 239/54** (2013.01 - CN); **C07D 307/58** (2013.01 - CN); **C07D 317/20** (2013.01 - EP US); **C07D 317/72** (2013.01 - CN); **C07D 405/06** (2013.01 - CN); **C07C 2601/02** (2017.04 - EP US); **C07C 2601/10** (2017.04 - CN EP US); **C07C 2601/16** (2017.04 - CN EP US)

Citation (search report)
See references of WO 2012139891A1

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 RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2012139891 A1 20121018; AR 085585 A1 20131009; BR 112013026593 A2 20160726; CN 103764642 A 20140430; EP 2697214 A1 20140219; JP 2014522384 A 20140904; US 2014080704 A1 20140320

DOCDB simple family (application)
EP 2012055479 W 20120328; AR P120101023 A 20120327; BR 112013026593 A 20120328; CN 201280029098 A 20120328; EP 12710948 A 20120328; JP 2014504243 A 20120328; US 201214111751 A 20120328