

Title (en)

USE OF 4-PHENYLBUTYRIC ACID AND/OR THE SALTS THEREOF FOR ENHANCING THE STRESS TOLERANCE OF PLANTS

Title (de)

VERWENDUNG DER 4-PHENYLBUTTERSÄURE UND/ODER IHRER SALZE ZUR STEIGERUNG DER STRESSTOLERANZ IN PFLANZEN

Title (fr)

UTILISATION DE L'ACIDE 4-PHÉNOL BUTYRIQUE ET/OU DE SES SELS POUR AUGMENTER LA TOLÉRANCE AU STRESS CHEZ DES VÉGÉTAUX

Publication

**EP 2555619 A2 20130213 (DE)**

Application

**EP 11711919 A 20110404**

Priority

- US 32126810 P 20100406
- EP 10159121 A 20100406
- EP 2011055212 W 20110404
- EP 11711919 A 20110404

Abstract (en)

[origin: WO2011124554A2] The invention relates to the use of 4-phenylbutyric acid and/or the salts thereof of general formula (I) for enhancing the stress tolerance of plants against abiotic stress, preferably drought stress, and the associated strengthening of plant growth and/or increase of plant yield.

IPC 8 full level

**A01N 37/10** (2006.01); **A01N 55/02** (2006.01); **A01P 21/00** (2006.01)

CPC (source: EP US)

**A01N 37/10** (2013.01 - EP US)

Citation (search report)

See references of WO 2011124554A2

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 2011124554 A2 20111013; WO 2011124554 A3 20120531;** AR 080827 A1 20120509; BR 112012025714 A2 20150908;  
CN 102933078 A 20130213; EP 2555619 A2 20130213; JP 2013523795 A 20130617; US 2012077677 A1 20120329

DOCDB simple family (application)

**EP 2011055212 W 20110404;** AR P110101125 A 20110404; BR 112012025714 A 20110404; CN 201180028001 A 20110404;  
EP 11711919 A 20110404; JP 2013503079 A 20110404; US 201113080456 A 20110405