

Title (en)
USES OF THAXTOMIN AND THAXTOMIN COMPOSITIONS AS HERBICIDES

Title (de)
VERWENDUNG VON THAXTOMIN UND THAXTOMINZUSAMMENSETZUNGEN ALS HERBIZIDE

Title (fr)
UTILISATIONS DE THAXTOMINE ET DE COMPOSITIONS DE THAXTOMINE EN TANT QU'HERBICIDES

Publication
EP 2373170 A2 20111012 (EN)

Application
EP 09837174 A 20091230

Priority
• US 2009069856 W 20091230
• US 14217908 P 20081231
• US 26150409 P 20091116

Abstract (en)
[origin: WO2010078452A2] There is a need for a selective, low-risk herbicide that can be used to control weeds in cereal cultures and turf. The present invention discloses that a bacterial secondary metabolite, thaxtomin and optionally another herbicide is an effective herbicide on broadleaved, sedge and grass weeds. Thaxtomin A and structurally similar compounds can be used as natural herbicides to control the germination and growth of weeds in cereal, turf grass, Timothy grass and pasture grass cultures with no phytotoxicity to these crops. As a natural, non-toxic compound, thaxtomin can be used as a safe alternative for weed control in both conventional and organic farming and gardening systems.

IPC 8 full level
A01N 43/60 (2006.01); **A01N 35/06** (2006.01); **A01N 43/38** (2006.01); **A01P 13/02** (2006.01); **A01P 21/00** (2006.01)

CPC (source: EP KR)
A01N 35/06 (2013.01 - KR); **A01N 43/36** (2013.01 - KR); **A01N 43/38** (2013.01 - KR); **A01N 43/60** (2013.01 - EP KR)

Designated contracting state (EPC)
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 2010078452 A2 20100708; WO 2010078452 A3 20101021; AU 2009334514 A1 20110728; AU 2009334514 B2 20141106; BR PI0924103 A2 20180320; CA 2750141 A1 20100708; CA 2750141 C 20171128; EP 2373170 A2 20111012; EP 2373170 A4 20120627; JP 2012514046 A 20120621; JP 2015178499 A 20151008; JP 2017171662 A 20170928; JP 6557698 B2 20190807; KR 101682052 B1 20161202; KR 101767509 B1 20170823; KR 20110108367 A 20111005; KR 20160137659 A 20161130; KR 20170073718 A 20170628; MX 2011007042 A 20110720; NZ 593916 A 20130531; TW 201024278 A 20100701

DOCDB simple family (application)
US 2009069856 W 20091230; AU 2009334514 A 20091230; BR PI0924103 A 20091230; CA 2750141 A 20091230; EP 09837174 A 20091230; JP 2011544610 A 20091230; JP 2015079358 A 20150408; JP 2017076229 A 20170406; KR 20117017287 A 20091230; KR 20167032388 A 20091230; KR 20177016550 A 20091230; MX 2011007042 A 20091230; NZ 59391609 A 20091230; TW 98144895 A 20091225