

Title (en)  
2,4,6-TRIALKYLPHENYL SUBSTITUTED CYCLOPENTANE-1,3-DIONE

Title (de)  
2,4,6-TRIALKYLPHENYLSUBSTITUIERTE CYCLOPENTAN-1,3-DIONE

Title (fr)  
CYCLOPENTANE-1,3-DIONE SUBSTITUE PAR 2,4,6-TRIALKYLPHENYLE

Publication  
**EP 1976819 A2 20081008 (DE)**

Application  
**EP 07702572 A 20070103**

Priority  
• EP 2007000023 W 20070103  
• DE 102006000971 A 20060107

Abstract (en)  
[origin: WO2007080066A2] The invention relates to novel 2,4,6-trialkylphenyl substituted cyclopentane-1,3-dione of formula (I), in which X, Y, A, B, Q<SUP>1</SUP>, Q<SUP>2</SUP> and G are defined as cited in the claims, to several methods and intermediate products for their production and to their use as pesticides and/or herbicides, in addition to selective herbicidal agents containing 2,4,6 trialkylphenyl substituted cyclopentane-1,3-diones of formula (I) and at least one compound that improves their compatibility with cultivated plants.

IPC 8 full level  
**A01N 43/02** (2006.01); **C07C 49/703** (2006.01); **C07C 49/747** (2006.01); **C07C 69/12** (2006.01); **C07C 69/757** (2006.01)

CPC (source: EP KR US)  
**A01N 25/32** (2013.01 - EP US); **A01N 35/06** (2013.01 - EP US); **A01N 37/42** (2013.01 - EP US); **A01N 43/02** (2013.01 - KR); **A01N 43/20** (2013.01 - EP US); **A01N 43/30** (2013.01 - EP US); **A01N 47/06** (2013.01 - EP US); **A01N 57/12** (2013.01 - EP US); **A01N 57/14** (2013.01 - EP US); **C07C 45/46** (2013.01 - EP US); **C07C 49/657** (2013.01 - EP US); **C07C 49/67** (2013.01 - EP US); **C07C 49/707** (2013.01 - KR); **C07C 49/747** (2013.01 - EP US); **C07C 69/013** (2013.01 - EP US); **C07C 69/757** (2013.01 - EP US); **C07C 69/96** (2013.01 - EP US); **C07D 215/26** (2013.01 - EP US); **C07D 231/14** (2013.01 - EP US); **C07D 261/18** (2013.01 - EP US); **C07F 9/117** (2013.01 - EP US); **C07C 2601/14** (2017.04 - EP US); **C07C 2601/16** (2017.04 - EP US); **C07C 2602/08** (2017.04 - EP US); **C07C 2602/24** (2017.04 - EP US); **C07C 2602/26** (2017.04 - EP US)

Citation (search report)  
See references of WO 2007080066A2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**DE 102006000971 A1 20070712**; AR 059134 A1 20080312; AU 2007204432 A1 20070719; BR PI0706419 A2 20110329; CA 2636352 A1 20070719; CN 101395116 A 20090325; CN 101395116 B 20130417; EP 1976819 A2 20081008; JP 2009522331 A 20090611; KR 20080094676 A 20081023; RU 2008131800 A 20100220; UA 93229 C2 20110125; US 2009137393 A1 20090528; US 8168832 B2 20120501; WO 2007080066 A2 20070719; WO 2007080066 A3 20071108; ZA 200805807 B 20091028

DOCDB simple family (application)  
**DE 102006000971 A 20060107**; AR P070100028 A 20070103; AU 2007204432 A 20070103; BR PI0706419 A 20070103; CA 2636352 A 20070103; CN 200780007818 A 20070103; EP 07702572 A 20070103; EP 2007000023 W 20070103; JP 2008548994 A 20070103; KR 20087019240 A 20080806; RU 2008131800 A 20070103; UA A200810185 A 20070103; US 15996707 A 20070103; ZA 200805807 A 20080702