

Title (en)

SALTS OF 2-iodo-N-[(4-methoxy-6-methyl-1,3,5-triazine-2-yl)carbamoyl]benzenesulfonamide, METHOD FOR THE PRODUCTION THEREOF AND USE THEREOF AS HERBICIDES AND PLANT GROWTH REGULATORS

Title (de)

SALZE DES 2-iodo-N-[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)carbamoyl]benzolsulfonamids, VERFAHREN ZU DEREN HERSTELLUNG, SOWIE DEREN VERWENDUNG ALS HERBIZIDE UND PFLANZENWACHSTUMSREGULATOREN

Title (fr)

SELS DE 2-iodo-N-[(4-méthoxy-6-méthyl-1,3,5-triazine-2-yle)carbamoyl]benzolsulfonamide, PROCÉDÉS DE PRODUCTION ET UTILISATION EN TANT QU'HERBICIDES ET RÉGULATEURS DE CROISSANCE VÉGÉTALE

Publication

EP 2205091 A2 20100714 (DE)

Application

EP 08841543 A 20081022

Priority

- EP 2008008947 W 20081022
- EP 07020807 A 20071024
- EP 08841543 A 20081022

Abstract (en)

[origin: EP2052604A1] Salt of 2-iodo-N-[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)carbamoyl]benzyl sulfanamide compound (I), is new. Salt of 2-iodo-N-[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)carbamoyl]benzyl sulfanamide compound of formula (I), is new. M +>a cation, which is an alkali metal (preferably Li, Na or K), alkaline earth metal (preferably Ca or Mg), transition metal ion (preferably Mn, Cu or Fe), ammonium ion (in which optionally 1-4 H is substituted by (1-4C)-alkyl, hydroxy-(1-4C)-alkyl, (3-6C)-cycloalkyl, (1-4C)-alkoxy(1-4C)-alkyl, hydroxy-(1-4C)-alkoxy-(1-4C)-alkyl, (1-6C)-mercaptoalkyl, phenyl or benzyl, all optionally substituted by one or more halo, preferably F, Cl, Br or I, NO 2, CN, azido, (1-6C)-alkyl, (1-6C)-haloalkyl, (3-6C)-cycloalkyl, (1-6C)-alkoxy, (1-6C)-haloalkoxy or phenyl, where two substituents with N optionally forms an optionally substituted ring), phosphonium ion, sulfonium ion (preferably tri-(1-4C)-alkyl-sulfonium), oxonium ion (preferably tri-(1-4C)-alkyl-oxonium), or optionally saturated/aromatic nitrogen containing heterocyclic ring system with 1-10C-ionic compound (which is optionally one or more times annealed and/or substituted by (1-4C)-alkyl). Independent claims are included for: (1) the preparation of (I); (2) a 2-iodobenzylsulfonyl isocyanate (VI); and (3) the preparation of (IV) comprising reacting iodobenzyl sulfonamide (II) with phosgene, diphosgene or thiophosgene at 80-150[deg] C. [Image] ACTIVITY : Herbicide; Plant Growth Regulant. MECHANISM OF ACTION : None given.

IPC 8 full level

A01N 47/36 (2006.01); **A01P 13/00** (2006.01); **C07C 311/65** (2006.01); **C07D 251/16** (2006.01)

CPC (source: EP US)

A01N 47/36 (2013.01 - EP US); **A61P 13/00** (2017.12 - EP); **C07C 311/65** (2013.01 - EP US); **C07D 251/42** (2013.01 - EP US)

Citation (search report)

See references of WO 2009053058A2

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

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