

Title (en)
NOVEL HERBICIDAL HYDROXIMIC ACID DERIVATIVES

Title (de)
NEUE HERBIZIDE HYDROXIMSÄUREDERIVATE

Title (fr)
NOUVEAUX DERIVES HERBICIDES D'ACIDE HYDROXIMIQUE

Publication
EP 0971903 A1 20000119 (DE)

Application
EP 98914884 A 19980312

Priority
• DE 19712408 A 19970325
• EP 9801440 W 19980312

Abstract (en)
[origin: WO9842681A1] The invention relates to novel hydroximic acid derivatives of formula (I) and their salts, wherein X = O, S; Y = O, S; R<1> = H, C1-C4-alkyl, NH₂, C1-C4-alkylamino or di(C1-C4-alkyl)amino; R<2> = C1-C3-halogenalkyl; R<3> = H, halogen, C1-C4-alkyl; R<4> = H, halogen; R<5> = CN, halogen; R<6> = C1-C6-alkyl, C2-C6-alkenyl, C3-C6-alkinyl or phenyl-C1-C6-alkyl, wherein the phenyl ring of this group can be unsubstituted or can carry 1-3 substituents; R<7> = a C1-C6-alkyl, C2-C6-alkenyl, C3-C6-alkinyl or phenyl-C1-C6-alkyl group, wherein these four groups can be unsubstituted or can carry one or two substituents. The inventive derivatives can be used as herbicides, and in dessication/defoliation of plants.

IPC 1-7
C07D 239/54; **C07C 265/12**; **A01N 43/54**

IPC 8 full level
A01N 43/54 (2006.01); **C07C 251/48** (2006.01); **C07C 265/12** (2006.01); **C07D 239/54** (2006.01); **C07D 239/56** (2006.01)

CPC (source: EP US)
A01N 43/54 (2013.01 - EP US); **C07C 251/48** (2013.01 - EP US); **C07C 265/12** (2013.01 - EP US); **C07D 239/54** (2013.01 - EP US); **C07D 239/56** (2013.01 - EP US)

Citation (search report)
See references of WO 9842681A1

Designated contracting state (EPC)
CH DE FR GB LI

DOCDB simple family (publication)
WO 9842681 A1 19981001; AR 012175 A1 20000927; AU 6921398 A 19981020; CA 2283672 A1 19981001; EP 0971903 A1 20000119; JP 2001517231 A 20011002; US 6387849 B1 20020514; ZA 982468 B 19980925

DOCDB simple family (application)
EP 9801440 W 19980312; AR P980101371 A 19980325; AU 6921398 A 19980312; CA 2283672 A 19980312; EP 98914884 A 19980312; JP 54206898 A 19980312; US 38147499 A 19990921; ZA 982468 A 19980324