

Title (en)
PHOSPHONIUM PHOSPHINATE COMPOUNDS AND THEIR PREPARATION

Title (de)
PHOSPHONIUM-PHOSPHINAT VERBINDUNGEN UND IHRE HERSTELLUNG

Title (fr)
COMPOSES DE PHOSPHINATE DE PHOSPHONIUM ET LEUR PREPARATION

Publication
EP 1373280 A1 20040102 (EN)

Application
EP 02707923 A 20020228

Priority
• CA 2343456 A 20010330
• US 0206104 W 20020228

Abstract (en)
[origin: WO02079212A1] Novel phosphonium phosphinate compounds and their methods of preparation are disclosed. Phosphonium salts are ionic liquids that are useful as polar solvents. The novel phosphonium phosphinate compounds have general formula (I), wherein R1, R2, R3, R4, R<5> and R6 is independently a hydrogen or hydrocarbyl, unsubstituted or substituted; Y1 is O or S; and Y2 is O or S.

IPC 1-7
C07F 9/54; **C07F 9/30**; **C07B 37/04**

IPC 8 full level
C07B 37/04 (2006.01); **C07F 9/30** (2006.01); **C07F 9/54** (2006.01)

CPC (source: EP KR)
C07B 37/04 (2013.01 - EP); **C07F 9/30** (2013.01 - EP); **C07F 9/54** (2013.01 - EP KR); **Y02P 20/54** (2015.11 - EP)

Citation (search report)
See references of WO 02079212A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 02079212 A1 20021010; BR 0208199 A 20040302; CA 2343456 A1 20020930; CN 1297560 C 20070131; CN 1529708 A 20040915; EP 1373280 A1 20040102; KR 20030093282 A 20031206; RU 2003131897 A 20050110

DOCDB simple family (application)
US 0206104 W 20020228; BR 0208199 A 20020228; CA 2343456 A 20010330; CN 02807450 A 20020228; EP 02707923 A 20020228; KR 20037012520 A 20030926; RU 2003131897 A 20020228