

Title (en)  
CHEMICAL PROCESS FOR THE PRODUCTION OF SULPHINYL DERIVATIVES BY OXIDATION OF THE CORRESPONDING CO-DERIVATIVES WITH PERBORATES

Title (de)  
VERFAHREN ZUR HERSTELLUNG VON SULFINYL-VERBINDUNGEN DURCH OXIDATION DER THIO-VERBINDUNG MIT PERBORATEN

Title (fr)  
PROCEDE CHIMIQUE D'OBTENTION DE DERIVES DE SULPHINYLE PAR OXYDATION DES CODERIVES CORRESPONDANTS AVEC DES PERBORATES

Publication  
**EP 1071678 A1 20010131 (EN)**

Application  
**EP 99915569 A 19990311**

Priority  
• EP 9901574 W 19990311  
• GB 9805558 A 19980317

Abstract (en)  
[origin: WO9947514A1] A process for the preparation of a compound of formula (I) in which R1, R2, R3 and R4 represent: a) (R1=CH3; R2=OCH3; R3=CH3; R4=OCH3) or b) (R1=CH3; R2=OCH2CF3; R3=H; R4=H) or c) (R1=OCH3; R2=OCH3; R3=H and R4=OCHF2) respectively and pharmaceutically acceptable salts thereof, comprising reacting a compound of formula (II) in which R1, R2, R3 and R4 represent a) (R1=CH3; R2=OCH3; R3=CH3, R4=OCH3) or b) (R1=CH3; R2=OCH2CF3; R3=H; R4=H) or c) R1=OCH3; R2=OCH3; R3=H and R4=OCHF2) respectively, with a perborate salt in a liquid diluent at a pH in the range of 7.5 to 14 at a temperature in the range of 0 DEG C to the boiling point of the liquid diluent employed.

IPC 1-7  
**C07D 401/12**

IPC 8 full level  
**C07D 401/12** (2006.01)

CPC (source: EP KR)  
**A61P 1/04** (2018.01 - EP); **C07D 401/12** (2013.01 - EP KR)

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

DOCDB simple family (publication)  
**WO 9947514 A1 19990923**; AU 3410699 A 19991011; BR 9908835 A 20001121; CA 2323422 A1 19990923; CN 1293670 A 20010502; EP 1071678 A1 20010131; GB 9805558 D0 19980513; HU P0101230 A2 20011028; HU P0101230 A3 20021028; IL 138001 A0 20011031; JP 2002506862 A 20020305; KR 20010041948 A 20010525; NO 20004580 D0 20000914; NO 20004580 L 20000914; SK 13452000 A3 20010409; TR 200002670 T2 20001121; TW 473476 B 20020121

DOCDB simple family (application)  
**EP 9901574 W 19990311**; AU 3410699 A 19990311; BR 9908835 A 19990311; CA 2323422 A 19990311; CN 99804078 A 19990311; EP 99915569 A 19990311; GB 9805558 A 19980317; HU P0101230 A 19990311; IL 13800199 A 19990311; JP 2000536710 A 19990311; KR 20007010261 A 20000916; NO 20004580 A 20000914; SK 13452000 A 19990311; TR 200002670 T 19990311; TW 88104130 A 19990317