

Title (en)
PROCESS FOR THE SYNTHESIS OF VINYL SULFENIC ACID DERIVATIVES

Title (de)
VERFAHREN ZUR SYNTHESE VON VINYLSULFENSÄUREDERIVATEN

Title (fr)
PROCEDE DE SYNTHESE DE DERIVES D'ACIDE VINYLSULFENIQUE

Publication
EP 0830362 A4 19980902 (EN)

Application
EP 96918314 A 19960604

Priority
• US 9609460 W 19960604
• US 48360795 A 19950607
• US 48269295 A 19950607

Abstract (en)
[origin: WO9640693A1] The present invention is directed to novel vinyl sulfenic acid derivatives, and to a new process for the synthesis of novel vinyl sulfenic acid derivatives. These compounds are useful for the synthesis of benzo[b]thiophenes, in particular 2-aryl-benzo[b]thiophenes.

IPC 1-7
C07F 7/08; **C07F 7/18**; **C07C 313/00**; **C07C 321/00**; **C07C 323/00**; **C07D 223/08**; **C07D 265/30**; **C07D 211/08**; **C07D 211/20**; **C07D 207/46**; **C07D 207/48**

IPC 8 full level
C07C 313/20 (2006.01); **C07C 315/00** (2006.01); **C07C 317/18** (2006.01); **C07C 319/14** (2006.01); **C07C 323/16** (2006.01); **C07D 333/56** (2006.01); **C07F 7/08** (2006.01); **C07F 7/18** (2006.01)

CPC (source: EP KR)
C07C 313/00 (2013.01 - KR); **C07C 313/20** (2013.01 - EP); **C07C 321/00** (2013.01 - KR); **C07C 323/16** (2013.01 - EP); **C07D 223/08** (2013.01 - KR); **C07D 333/56** (2013.01 - EP); **C07F 7/08** (2013.01 - KR); **C07F 7/0834** (2013.01 - EP); **C07F 7/1804** (2013.01 - EP)

Citation (search report)
[A] G. CAPOZZI, ET AL.: "Phthalimidesulphenyl chloride; part VII: synthesis of 2-substituted 3-chlorobenzo[b]thiophenes and related heteroaromatics", SYNTHESIS, no. 5, May 1994 (1994-05-01), STUTTGART, DE, pages 521 - 525, XP002069036

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 9640693 A1 19961219; AU 6100396 A 19961230; AU 698076 B2 19981022; BR 9608847 A 19990608; CA 2224225 A1 19961219; CN 1068883 C 20010725; CN 1192215 A 19980902; CN 1330071 A 20020109; CZ 387997 A3 19980916; EA 000606 B1 19991229; EA 199800026 A1 19980625; EP 0830362 A1 19980325; EP 0830362 A4 19980902; HU P9900923 A2 19990728; HU P9900923 A3 20000228; IL 122127 A0 19980405; IL 122127 A 20010520; JP H11507346 A 19990629; KR 19990022503 A 19990325; MX 9709130 A 19980331; NO 975633 D0 19971204; NO 975633 L 19980128; NZ 310241 A 19990729; PL 323907 A1 19980427; TR 199701511 T1 19980421

DOCDB simple family (application)
US 9609460 W 19960604; AU 6100396 A 19960604; BR 9608847 A 19960604; CA 2224225 A 19960604; CN 00130796 A 20001212; CN 96195947 A 19960604; CZ 387997 A 19960604; EA 199800026 A 19960604; EP 96918314 A 19960604; HU P9900923 A 19960604; IL 12212796 A 19960604; JP 50177497 A 19960604; KR 19970708984 A 19971205; MX 9709130 A 19960604; NO 975633 A 19971204; NZ 31024196 A 19960604; PL 32390796 A 19960604; TR 9701511 T 19960604