

Title (en)

PROCESS FOR CONVERTING SI-H COMPOUNDS TO SI-HALOGEN COMPOUNDS

Title (de)

VERFAHREN ZUR UMWANDLUNG VON SI-H-VERBINDUNGEN IN SI-HALOGEN-VERBINDUNGEN

Title (fr)

PROCÉDÉ DE CONVERSION DE COMPOSÉS SI-H EN COMPOSÉS SI-HALOGÈNE

Publication

EP 2170908 A1 20100407 (DE)

Application

EP 08774062 A 20080611

Priority

- EP 2008057257 W 20080611
- DE 102007030948 A 20070704

Abstract (en)

[origin: WO2009003806A1] The invention provides a process for converting silicon compounds (H) which have Si-H bonds to silicon compounds (Cl) which have Si-halogen bonds, in which the silicon compounds (H) are reacted in the gas phase with hydrogen halide in the presence of catalysts which are selected from (a) tetraorganophosphonium halides, (b) tetraorganoammonium halides and (c) ionic halides of heterocycles with organic substitution on the heteroatom.

IPC 8 full level

C07F 7/12 (2006.01)

CPC (source: EP US)

C07F 7/123 (2013.01 - EP US)

Citation (search report)

See references of WO 2009003806A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

DE 102007030948 A1 20090108; CN 102015733 A 20110413; EP 2170908 A1 20100407; JP 2010531833 A 20100930; KR 20100031628 A 20100323; US 2010168458 A1 20100701; WO 2009003806 A1 20090108

DOCDB simple family (application)

DE 102007030948 A 20070704; CN 200880023218 A 20080611; EP 08774062 A 20080611; EP 2008057257 W 20080611; JP 2010513837 A 20080611; KR 20107001604 A 20080611; US 66585808 A 20080611