

Title (en)
PROCESS FOR PRODUCING EPOXIDES FROM OLEFINES WITH BIS(TRIORGANOSILYL) PEROXIDES IN THE PRESENCE OF METAL-ACID-DERIVATIVES-BASED ACTIVATORS

Title (de)
VERFAHREN ZUR HERSTELLUNG VON EPOXIDEN AUS OLEFINEN MIT BIS(TRIORGANOSILYL)PEROXIDEN IN GEGENWART VON AKTIVATOREN AUF BASIS VON METALLSÄUREDERIVATEN

Title (fr)
PROCEDE DE FABRICATION D'EPOXYDES A PARTIR D'OLEFINES AVEC DES BIS(TRIORGANOSILYL)PEROXYDES EN PRESENCE D'ACTIVATEURS A BASE DE DERIVES D'ACIDES METALLIQUES

Publication
EP 0885207 A1 19981223 (DE)

Application
EP 97907054 A 19970228

Priority
• DE 19608004 A 19960304
• EP 9700982 W 19970228

Abstract (en)
[origin: WO9732867A1] The production of epoxides from olefines with bis(triorganosilyl) peroxides in the presence of activators based on metal acid derivatives of general formula (1); where M is a metal from the 4th to 7th sub-group, especially molybdenum, tungsten or rhenium, L is a neutral ligand from the group amino-oxides, phosphane oxides, arsane oxides, phosphoric acid triamides, formamides and pyridine-N-oxides, X is an inorganic ligand, x is 1 to 5, y is 0, 1 or 2, Z is 1 or 2, and n is 1 or 2.

IPC 1-7
C07D 301/19; B01J 31/16; B01J 31/18; B01J 31/22

IPC 8 full level
C07D 301/14 (2006.01); **B01J 31/18** (2006.01); **B01J 31/22** (2006.01); **C07B 61/00** (2006.01); **C07D 301/12** (2006.01); **C07D 301/19** (2006.01);
C07D 303/04 (2006.01); **C07F 7/00** (2006.01); **C07F 7/18** (2006.01); **C07F 11/00** (2006.01)

CPC (source: EP US)
B01J 31/1805 (2013.01 - EP US); **B01J 31/1875** (2013.01 - EP US); **B01J 31/1895** (2013.01 - EP US); **C07D 301/12** (2013.01 - EP US);
C07D 301/14 (2013.01 - EP US); **C07D 303/04** (2013.01 - EP US); **B01J 2231/72** (2013.01 - EP US); **B01J 2531/64** (2013.01 - EP US);
B01J 2531/66 (2013.01 - EP US); **B01J 2531/74** (2013.01 - EP US)

Citation (search report)
See references of WO 9732867A1

Designated contracting state (EPC)
BE CH DE ES FR GB IT LI NL

DOCDB simple family (publication)
WO 9732867 A1 19970912; DE 19608004 A1 19971113; EP 0885207 A1 19981223; JP 20000507924 A 20000627; US 6090956 A 20000718

DOCDB simple family (application)
EP 9700982 W 19970228; DE 19608004 A 19960304; EP 97907054 A 19970228; JP 53142597 A 19970228; US 14204298 A 19980902