

Title (en)
METHOD FOR THE EPOXIDATION OF HYDROCARBONS

Title (de)
VERFAHREN ZUR EPOXIDIERUNG VON KOHLENWASSERSTOFFEN

Title (fr)
PROCEDE POUR EPOXYDER DES HYDROCARBURES

Publication
EP 1286979 A1 20030305 (DE)

Application
EP 01943326 A 20010507

Priority

- DE 10024096 A 20000518
- EP 0105136 W 20010507

Abstract (en)
[origin: WO0187867A1] The invention relates to a method for the epoxidation of hydrocarbons using oxygen. Said method is characterized in that it is carried out in the presence of a mixture containing at least two metals from the group Cu, Ru, Rh, Pd, Os, Ir, Pt, Au, In, Ti, Mn, Ce on a support with a BET surface area of less than 200 m²/g. The invention also relates to the use of a mixture containing at least two metals from the group Cu, Ru, Rh, Pd, Os, Ir, Pt, Au, In, Ti, Mn, Ce on a support with a BET surface area of less than 200 m²/g for the epoxidation of hydrocarbons.

IPC 1-7
C07D 301/08; C07D 301/10

IPC 8 full level
B01J 23/00 (2006.01); **B01J 23/40** (2006.01); **B01J 23/46** (2006.01); **B01J 23/52** (2006.01); **B01J 23/62** (2006.01); **B01J 23/89** (2006.01); **B01J 35/10** (2006.01); **B01J 37/02** (2006.01); **C07B 61/00** (2006.01); **C07D 301/04** (2006.01); **C07D 301/06** (2006.01); **C07D 301/08** (2006.01); **C07D 301/10** (2006.01); **C07D 303/04** (2006.01)

CPC (source: EP KR US)
B01J 23/40 (2013.01 - EP US); **B01J 23/62** (2013.01 - EP US); **B01J 23/825** (2013.01 - EP US); **B01J 23/8926** (2013.01 - EP US); **B01J 35/60** (2024.01 - EP US); **B01J 37/0205** (2013.01 - EP US); **C07D 301/08** (2013.01 - EP KR US); **C07D 301/10** (2013.01 - EP US); **B01J 35/613** (2024.01 - EP US)

Citation (search report)
See references of WO 0187867A1

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 0187867 A1 20011122; AU 6593001 A 20011126; BR 0110850 A 20030211; CA 2409018 A1 20021115; CN 1429217 A 20030709; CZ 20023733 A3 20030212; DE 10024096 A1 20011122; EP 1286979 A1 20030305; HU P0302061 A2 20030929; JP 2003533520 A 20031111; KR 20030009490 A 20030129; MX PA02011308 A 20030606; PL 358336 A1 20040809; US 2003191328 A1 20031009

DOCDB simple family (application)
EP 0105136 W 20010507; AU 6593001 A 20010507; BR 0110850 A 20010507; CA 2409018 A 20010507; CN 01809556 A 20010507; CZ 20023733 A 20010507; DE 10024096 A 20000518; EP 01943326 A 20010507; HU P0302061 A 20010507; JP 2001584263 A 20010507; KR 20027015480 A 20021116; MX PA02011308 A 20010507; PL 35833601 A 20010507; US 27634102 A 20021114