

Title (en)
CATALYSTS WITH MODIFIED MOLYBDENUM OXYCARBIDE BASE PREPARED FROM ORIENTED MOLYBDENUM AND METHOD FOR PRODUCING SAME

Title (de)
MODIFIZIERTE MOLBDENOXCARBIDKATALYSATOREN HERGESTELLT AUS ORIENTIERTEM MOLBDENOXID UND VERFAHREN FÜR SEINE HERSTELLUNG

Title (fr)
CATALYSEURS À BASE D'OXYCARBURE DE MOLYBDÈNE MODIFIÉ PRÉPARÉ À PARTIR D'OXYDE DE MOLYBDÈNE ORIENTÉ ET SON PROCÉDÉ D'OBTENTION

Publication
EP 0968054 A1 20000105 (FR)

Application
EP 98914949 A 19980319

Priority
• FR 9800551 W 19980319
• FR 9703726 A 19970321

Abstract (en)
[origin: FR2760979A1] The invention concerns a catalyst with modified molybdenum oxycarbide base having a specific surface area more than 5 m²/g and improved catalytic activity, in particular in velocity constant, characterised in that it is prepared from molybdenum oxide MoO₃ with a structure essentially comprising preferentially oriented monocrystalline plates resulting from sublimation condensation. The invention also concerns a method for producing such a catalyst.

IPC 1-7
B01J 27/22; B01J 27/20; C01B 31/30; C01B 31/34; C07C 5/22

IPC 8 full level
H04L 12/54 (2013.01); **B01J 23/28** (2006.01); **B01J 27/22** (2006.01); **B01J 27/22A** (2006.01); **C01B 31/30** (2006.01); **C01B 32/949** (2017.01); **C01G 39/02** (2006.01); **C07C 5/02** (2006.01); **C07C 5/13** (2006.01); **C07C 5/22** (2006.01); **C07C 5/27** (2006.01); **C07C 5/41** (2006.01); **C07C 9/14** (2006.01); **C30B 29/64** (2006.01)

CPC (source: EP KR)
B01J 23/28 (2013.01 - EP); **B01J 27/22** (2013.01 - EP KR); **C01B 32/907** (2017.07 - EP); **C01G 39/02** (2013.01 - EP); **C07C 5/02** (2013.01 - EP); **C07C 5/2206** (2013.01 - EP); **C07C 5/41** (2013.01 - EP); **C01P 2002/20** (2013.01 - EP); **C01P 2006/12** (2013.01 - EP); **C07C 2527/20** (2013.01 - EP)

Citation (search report)
See references of WO 9842438A1

Cited by
RU2641737C1

Designated contracting state (EPC)
DE ES FI FR GB IT NL

DOCDB simple family (publication)
FR 2760979 A1 19980925; **FR 2760979 B1 19990423**; BR 9808399 A 20000516; CA 2284883 A1 19981001; EP 0968054 A1 20000105; JP 2001517152 A 20011002; KR 20010005583 A 20010115; NO 994561 D0 19990920; NO 994561 L 19991116; WO 9842438 A1 19981001; ZA 982404 B 19980928

DOCDB simple family (application)
FR 9703726 A 19970321; BR 9808399 A 19980319; CA 2284883 A 19980319; EP 98914949 A 19980319; FR 9800551 W 19980319; JP 54324898 A 19980319; KR 19997008646 A 19990921; NO 994561 A 19990920; ZA 982404 A 19980320