

Title (en)
METHOD FOR OXIDIZING HYDROCARBONS

Title (de)
VERFAHREN ZUR OXIDATION VON KOHLENWASSERSTOFFEN

Title (fr)
PROCEDE D'OXYDATION D'HYDROCARBURES

Publication
EP 1102732 A1 20010530 (DE)

Application
EP 99941468 A 19990727

Priority
• DE 19835481 A 19980807
• EP 9905370 W 19990727

Abstract (en)
[origin: DE19835481A1] The invention relates to a method for oxidizing hydrocarbons on a catalyst which contains silver and titanium and in the presence of a hydrogen-oxygen mixture. Said catalyst contains a) a supporting material which contains titanium and b) silver particles having an average particle size ranging from 0.3 to 100 nm.

IPC 1-7
C07B 41/00; **C07D 301/10**; **C07C 29/50**

IPC 8 full level
B01J 21/06 (2006.01); **B01J 23/50** (2006.01); **B01J 37/02** (2006.01); **C07B 41/00** (2006.01); **C07B 61/00** (2006.01); **C07C 29/48** (2006.01); **C07C 29/50** (2006.01); **C07C 31/12** (2006.01); **C07C 51/25** (2006.01); **C07C 53/08** (2006.01); **C07D 301/03** (2006.01); **C07D 301/04** (2006.01); **C07D 301/10** (2006.01); **C07D 303/04** (2006.01)

CPC (source: EP KR US)
C07B 41/00 (2013.01 - EP KR US); **C07C 29/50** (2013.01 - EP US); **C07D 301/04** (2013.01 - EP US); **C07D 301/10** (2013.01 - EP US); **Y10S 977/773** (2013.01 - EP US); **Y10S 977/775** (2013.01 - EP US); **Y10S 977/811** (2013.01 - EP US); **Y10S 977/89** (2013.01 - EP US); **Y10S 977/896** (2013.01 - EP US)

C-Set (source: EP US)
C07C 29/50 + C07C 31/12

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
US 2003204102 A1 20031030; AU 5507199 A 20000228; BR 9912852 A 20010508; CA 2339769 A1 20000217; CN 1134382 C 20040114; CN 1311765 A 20010905; DE 19835481 A1 20000217; EP 1102732 A1 20010530; HU P0103181 A2 20011228; HU P0103181 A3 20040428; ID 28474 A 20010531; JP 2002522401 A 20020723; KR 20010072281 A 20010731; MX PA01001369 A 20010901; PL 345815 A1 20020114; RU 2232157 C2 20040710; US 6603028 B1 20030805; WO 0007964 A1 20000217

DOCDB simple family (application)
US 45375403 A 20030603; AU 5507199 A 19990727; BR 9912852 A 19990727; CA 2339769 A 19990727; CN 99809392 A 19990727; DE 19835481 A 19980807; EP 9905370 W 19990727; EP 99941468 A 19990727; HU P0103181 A 19990727; ID 20010298 D 19990727; JP 2000563599 A 19990727; KR 20017001561 A 20010206; MX PA01001369 A 20010206; PL 34581599 A 19990727; RU 2001106608 A 19990727; US 76217901 A 20010323