

Title (en)
CATALYST FOR DEHYDROGENATION OF CYCLOHEXANOL, PROCESS FOR THE PREPARATION OF SAID CATALYST AND USE THEREOF

Title (de)
KATALYSATOR ZUR DEHYDRIERUNG VON CYCLOHEXANOL, VERFAHREN ZUR HERSTELLUNG DES KATALYSATORS UND VERWENDUNG DES KATALYSATORS

Title (fr)
CATALYSEUR POUR LA DESHYDROGENATION DU CYCLOHEXANOL, PROCEDE DE PRODUCTION ET UTILISATION DUDIT CATALYSEUR

Publication
EP 0909214 A1 19990421 (DE)

Application
EP 97927189 A 19970617

Priority
• DE 19626587 A 19960702
• EP 9703135 W 19970617

Abstract (en)
[origin: DE19626587A1] The invention relates to a catalyst comprising alpha -aluminium oxide as the support material and copper as the active constituent, the BET surface (as defined in DIN 66131) of the aluminium oxide being not lower than 30 m<2>/g. It also relates to a process for preparing said catalyst according to the invention, and the use thereof in dehydrogenation of cyclohexanol to form cyclohexanone, and also to the use of alpha -aluminium oxide, the BET surface (as defined in DIN 66131) of said aluminium oxide being not lower than 30 m<2>/g, to prepare a catalyst.

IPC 1-7
B01J 23/72; **B01J 21/04**; **C07C 45/00**

IPC 8 full level
B01J 21/04 (2006.01); **B01J 23/72** (2006.01); **B01J 23/89** (2006.01); **B01J 32/00** (2006.01); **B01J 35/10** (2006.01); **B01J 37/04** (2006.01); **C07C 45/00** (2006.01)

CPC (source: EP KR)
B01J 21/04 (2013.01 - KR); **B01J 23/72** (2013.01 - EP KR); **B01J 23/8926** (2013.01 - EP); **C07C 45/00** (2013.01 - KR); **C07C 45/002** (2013.01 - EP)

Citation (search report)
See references of WO 9800233A1

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

DOCDB simple family (publication)
DE 19626587 A1 19980108; AU 3176497 A 19980121; BR 9710017 A 19990810; CA 2258549 A1 19980108; CN 1094785 C 20021127; CN 1224371 A 19990728; CZ 425498 A3 19991117; EP 0909214 A1 19990421; JP 2000513269 A 20001010; KR 20000022369 A 20000425; NO 986155 D0 19981228; NO 986155 L 19981228; PL 330957 A1 19990621; RU 2190468 C2 20021010; SK 172198 A3 19990413; TW 460327 B 20011021; WO 9800233 A1 19980108

DOCDB simple family (application)
DE 19626587 A 19960702; AU 3176497 A 19970617; BR 9710017 A 19970617; CA 2258549 A 19970617; CN 97196061 A 19970617; CZ 425498 A 19970617; EP 9703135 W 19970617; EP 97927189 A 19970617; JP 50379698 A 19970617; KR 19980710800 A 19981229; NO 986155 A 19981228; PL 33095797 A 19970617; RU 99101934 A 19970617; SK 172198 A 19970617; TW 86109182 A 19970630