

Title (en)

DOUBLE METAL CYANIDE CATALYSTS FOR THE PRODUCTION OF POLYETHERPOLYOLS

Title (de)

DOPPELMETALLCYANID-KATALYSATOREN FÜR DIE HERSTELLUNG VON POLYETHERPOLYOLEN

Title (fr)

CATALYSEURS AU CYANURE METALLIQUE DOUBLE POUR LA PRODUCTION DE POLYETHERPOLYOLS

Publication

**EP 1425098 A1 20040609 (DE)**

Application

**EP 02754998 A 20020819**

Priority

- DE 10142747 A 20010831
- EP 0209241 W 20020819

Abstract (en)

[origin: WO03020422A1] The invention relates to novel double metal cyanide (DMC) catalysts for the production of polyetherpolyols through polyaddition of alkylene oxides to starter compounds, comprising active hydrogen atoms, whereby the catalyst comprises a) double metal cyanide compounds, b) organic complex ligands and c) cyclic polyols. Said catalysts have markedly increased activity in the production of polyetherpolyols.

IPC 1-7

**B01J 27/26**; **B01J 23/80**

IPC 8 full level

**B01J 27/26** (2006.01); **B01J 31/22** (2006.01); **C08G 65/04** (2006.01); **C08G 65/26** (2006.01)

CPC (source: EP KR US)

**B01J 21/08** (2013.01 - EP US); **B01J 27/26** (2013.01 - EP KR US); **B01J 29/049** (2013.01 - EP US); **B01J 31/1805** (2013.01 - EP US); **B01J 31/2208** (2013.01 - EP US); **B01J 31/223** (2013.01 - EP US); **B01J 31/26** (2013.01 - EP US); **B01J 31/28** (2013.01 - EP US); **B01J 35/615** (2024.01 - EP US); **C08G 65/2663** (2013.01 - EP US); **B01J 2231/10** (2013.01 - EP US); **B01J 2531/0238** (2013.01 - EP US); **B01J 2531/26** (2013.01 - EP US); **B01J 2531/62** (2013.01 - EP US); **B01J 2531/827** (2013.01 - EP US); **B01J 2531/84** (2013.01 - EP US); **B01J 2531/845** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

**WO 03020422 A1 20030313**; BR 0212074 A 20040928; CA 2458529 A1 20030313; CN 1289194 C 20061213; CN 1547505 A 20041117; DE 10142747 A1 20030320; EP 1425098 A1 20040609; HK 1071093 A1 20050708; HU P0401624 A2 20041129; JP 2005509051 A 20050407; KR 20040029087 A 20040403; MX PA04001909 A 20050307; PL 367455 A1 20050221; RU 2004109814 A 20051020; TW 592815 B 20040621; US 2003050187 A1 20030313; US 6818587 B2 20041116

DOCDB simple family (application)

**EP 0209241 W 20020819**; BR 0212074 A 20020819; CA 2458529 A 20020819; CN 02816687 A 20020819; DE 10142747 A 20010831; EP 02754998 A 20020819; HK 05103884 A 20050509; HU P0401624 A 20020819; JP 2003524724 A 20020819; KR 20047002928 A 20020819; MX PA04001909 A 20020819; PL 36745502 A 20020819; RU 2004109814 A 20020819; TW 91119473 A 20020828; US 22988202 A 20020828