

Title (en)

CATALYST COMPRISING CHROMIUM AND A LIGAND COMPRISING A SUBSTITUTED CYCLOPENTADIENE AND ITS USE FOR TRIMERISING OLEFINS

Title (de)

KATALYSATOR ENTHALTEND CHROM UND EINEN LIGANDEN ENTHALTEND EIN SUBSTITUIERTES CYCLOPENTADIEN UND SEINE VERWENDUNG ZUR OLEFINTRIMERISIERUNG

Title (fr)

TRIMERISATION ET OLIGOMERISATION D'OLEFINES AU MOYEN D'UN CATALYSEUR AU CHROME

Publication

**EP 1404446 A2 20040407 (EN)**

Application

**EP 02757698 A 20020627**

Priority

- US 30192501 P 20010702
- ZA 0200105 W 20020627
- ZA 200105422 A 20010702

Abstract (en)

[origin: WO03004158A2] A trimerisation catalyst system includes a chromium source and a ligand comprising a substituted five membered carbocyclic ring or derivatives thereof. The five membered carbocyclic ring may be a substituted cyclopentadiene derivative of the general formula, C5RnH6-n, wherein each R is a substituent and n is an integer from 1 to 5.

IPC 1-7

**B01J 31/22**; **B01J 31/12**; **C07C 2/34**; **C07C 11/107**; **C07F 17/00**; **C07F 11/00**

IPC 8 full level

**B01J 31/22** (2006.01); **C07C 2/32** (2006.01); **C07C 2/34** (2006.01); **B01J 31/14** (2006.01); **B01J 31/34** (2006.01)

CPC (source: EP)

**B01J 31/0231** (2013.01); **B01J 31/143** (2013.01); **B01J 31/2295** (2013.01); **C07C 2/32** (2013.01); **C07C 2/34** (2013.01); **B01J 31/122** (2013.01); **B01J 31/2208** (2013.01); **B01J 31/24** (2013.01); **B01J 31/34** (2013.01); **B01J 2231/20** (2013.01); **B01J 2531/62** (2013.01); **C07C 2531/22** (2013.01)

Citation (search report)

See references of WO 03004158A2

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 03004158 A2 20030116**; **WO 03004158 A3 20040122**; AU 2002323698 A1 20030121; BR 0210806 A 20040622; EP 1404446 A2 20040407

DOCDB simple family (application)

**ZA 0200105 W 20020627**; AU 2002323698 A 20020627; BR 0210806 A 20020627; EP 02757698 A 20020627