

Title (en)

CATALYTIC COMPOSITION COMPRISING CHROMIUM AND A PHOSPHINE-BASED LIGAND, AND USE THEREOF IN AN OCTENE PRODUCTION METHOD

Title (de)

KATALYTISCHE ZUSAMMENSETZUNG MIT CHROM UND EINEM LIGANDEN AUF PHOSPHINBASIS UND DEREN VERWENDUNG IN EINEM OCTENHERSTELLUNGSVERFAHREN

Title (fr)

COMPOSITION CATALYTIQUE A BASE DE CHROME ET D'UN LIGAND A BASE DE PHOSPHINE ET SON UTILISATION DANS UN PROCEDE DE PROCUCTION D'OCTENES

Publication

EP 3463653 A1 20190410 (FR)

Application

EP 17723148 A 20170517

Priority

- FR 1654932 A 20160531
- EP 2017061884 W 20170517

Abstract (en)

[origin: WO2017207280A1] The invention relates to a composition comprising at least one chromium precursor, at least one heteroaromatic ligand and, optionally, at least one activator. The invention also relates to the method for producing the composition according to the invention, and to the use of said composition in an olefin oligomerisation method.

IPC 8 full level

B01J 31/18 (2006.01); **B01J 31/14** (2006.01); **B01J 31/24** (2006.01); **C07C 2/32** (2006.01); **C08F 10/02** (2006.01)

CPC (source: EP US)

B01J 31/143 (2013.01 - EP US); **B01J 31/1875** (2013.01 - EP US); **B01J 31/188** (2013.01 - EP US); **C07C 2/32** (2013.01 - EP US);
C07C 2/36 (2013.01 - US); **C07F 11/00** (2013.01 - US); **B01J 2231/20** (2013.01 - EP US); **B01J 2531/62** (2013.01 - EP US);
C07C 2531/14 (2013.01 - EP US); **C07C 2531/24** (2013.01 - EP US)

Citation (search report)

See references of WO 2017207280A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

FR 3051683 A1 20171201; **FR 3051683 B1 20201009**; CN 109195703 A 20190111; CN 109195703 B 20220624; EP 3463653 A1 20190410;
US 10646858 B2 20200512; US 2019168202 A1 20190606; WO 2017207280 A1 20171207

DOCDB simple family (application)

FR 1654932 A 20160531; CN 201780033929 A 20170517; EP 17723148 A 20170517; EP 2017061884 W 20170517;
US 201716306037 A 20170517