

Title (en)  
NOVEL NICKEL-BASED CATALYTIC COMPOSITION AND USE THEREOF IN A METHOD FOR THE OLIGOMERISATION OF OLEFINS

Title (de)  
NEUARTIGE KATALYTISCHE ZUSAMMENSETZUNG AUF NICKELBASIS UND VERWENDUNG DAVON IN EINEM VERFAHREN ZUR OLIGOMERISIERUNG VON OLEFINEN

Title (fr)  
NOUVELLE COMPOSITION CATALYTIQUE À BASE DE NICKEL ET SON UTILISATION DANS UN PROCEDE D'OLIGOMERISATION DES OLEFINES

Publication  
**EP 3013474 A1 20160504 (FR)**

Application  
**EP 14749889 A 20140626**

Priority  

- FR 1356269 A 20130628
- FR 1362239 A 20131206
- FR 2014051626 W 20140626

Abstract (en)  
[origin: WO2014207394A1] The invention relates to a novel catalytic composition comprising at least one nickel precursor A with at least one diphosphinamine ligand B1 of formula (R1 )(R'1 )P-N(R3)-P(R2)(R'2) or an iminobisphosphine ligand B2 of formula (R3)N=P(R1 )(R'1 )-P(R2)(R'2) or an iminobisphosphine ligand B'2 of formula (R3)N=P(R2)(R'2)-P(R1 )(R'1 ). The invention also relates to the use of said catalytic composition in a method for the oligomerisation of olefins.

IPC 8 full level  
**B01J 31/02** (2006.01); **B01J 31/18** (2006.01)

CPC (source: EP US)  
**B01J 31/0265** (2013.01 - EP US); **B01J 31/143** (2013.01 - US); **B01J 31/188** (2013.01 - EP US); **B01J 31/189** (2013.01 - EP US); **B01J 31/2404** (2013.01 - US); **C07C 2/36** (2013.01 - US); **B01J 2231/20** (2013.01 - EP US); **B01J 2531/847** (2013.01 - EP US); **C07C 2531/14** (2013.01 - US); **C07C 2531/24** (2013.01 - US)

Citation (search report)  
See references of WO 2014207394A1

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)  
**WO 2014207394 A1 20141231**; CA 2915734 A1 20141231; EP 3013474 A1 20160504; JP 2016528028 A 20160915; JP 6379190 B2 20180822; US 10421066 B2 20190924; US 2016367978 A1 20161222

DOCDB simple family (application)  
**FR 2014051626 W 20140626**; CA 2915734 A 20140626; EP 14749889 A 20140626; JP 2016522707 A 20140626; US 201414901495 A 20140626