

Title (en)

PYRIDYLDIAMIDO TRANSITION METAL COMPLEXES, PRODUCTION AND USE THEREOF

Title (de)

PYRIDYLDIAMID-ÜBERGANGSMETALLKOMPLEXE SOWIE HERSTELLUNG UND VERWENDUNG DAVON

Title (fr)

COMPLEXES DE MÉTAUX DE TRANSITION PYRIDYLDIAMIDO, PRODUCTION ET UTILISATION ASSOCIÉES

Publication

EP 3114130 A4 20170510 (EN)

Application

EP 15758472 A 20150223

Priority

- US 201461947052 P 20140303
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- US 2015017025 W 20150223

Abstract (en)

[origin: WO2015134213A1] Pyridyldiamido transition metal complexes are disclosed for use in alkene polymerization to produce high melting point polyolefins.

IPC 8 full level

C07F 7/28 (2006.01); **C07D 213/38** (2006.01); **C07D 213/48** (2006.01); **C07D 213/53** (2006.01); **C07F 5/00** (2006.01); **C07F 7/00** (2006.01); **C07F 9/00** (2006.01); **C08F 4/16** (2006.01); **C08F 4/64** (2006.01); **C08F 4/659** (2006.01); **C08F 10/00** (2006.01); **C08F 10/06** (2006.01)

CPC (source: EP)

C07F 7/00 (2013.01); **C08F 10/00** (2013.01); **C08F 4/659** (2013.01); **C08F 4/65908** (2013.01); **C08F 4/65912** (2013.01); **C08F 4/65916** (2013.01)

Citation (search report)

- [IY] WO 2012134614 A1 20121004 - EXXONMOBIL CHEM PATENTS INC [US], et al
- [IY] WO 2012134613 A2 20121004 - EXXONMOBIL CHEM PATENTS INC [US], et al
- [IY] WO 2012134615 A1 20121004 - EXXONMOBIL CHEM PATENTS INC [US], et al
- [XYI] US 2010022726 A1 20100128 - HAGADORN JOHN R [US], et al
- [XY] HAGADORN, JOHN R.; GANESH, RENUKA; BEDOYA, MATT; FALER, CATHERINE: "Early metal complexes supported by nitrogen-donor ligands and their use as catalysts for the polymerization of olefins", POLYMER PREPRINTS, vol. 51, no. 1, 31 March 2011 (2011-03-31), XP002730224, ISSN: 0032-3934
- See references of WO 2015134213A1

Designated contracting state (EPC)

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US 2015017025 W 20150223; CN 201580010343 A 20150223; EP 15758472 A 20150223