

Title (en)

METHOD FOR PREPARING COMPOUNDS WITH AN ALKOXYSILYL GROUP

Title (de)

VERFAHREN ZUR HERSTELLUNG VON VERBINDUNGEN MIT EINER ALKOXYSILYLGRUPPE

Title (fr)

PROCEDE DE PREPARATION DE COMPOSES A GROUPEMENT ALKOXYSILYL

Publication

EP 3830202 A1 20210609 (FR)

Application

EP 19753179 A 20190719

Priority

- FR 1857003 A 20180727
- FR 2019051814 W 20190719

Abstract (en)

[origin: WO2020021187A1] Method for preparing a compound having an alkoxysilyl group of formula (I), wherein X represents -O- or -NR₄- with R₄ = H or C₁-C₄ alkyl; R₁ is a radical having from 1 to 20 carbon atoms; R₂ and R₃ are a C₁-C₄ alkyl radical; p is an integer equal to 0, 1 or 2; comprising a cross metathesis reaction in the presence (i) of a compound having a group of acrylate type and of formula: -X(C=O)-CH=CH₂, (ii) of an α-olefinic silane of formula (II): and (iii) of a metathesis catalyst chosen from GRUBBS catalysts and 2nd generation HOVEYDA-GRUBBS (HG2) catalysts. 2) Compound having said alkoxysilyl group, obtained by the method 1).

IPC 8 full level

C09D 175/04 (2006.01); **C08G 18/10** (2006.01); **C08G 18/48** (2006.01); **C08G 18/67** (2006.01); **C08G 18/76** (2006.01); **C08G 18/81** (2006.01); **C09D 175/16** (2006.01); **C09J 175/04** (2006.01); **C09J 175/16** (2006.01)

CPC (source: EP US)

C08G 18/10 (2013.01 - EP US); **C08G 18/4845** (2013.01 - EP US); **C08G 18/672** (2013.01 - EP US); **C08G 18/7621** (2013.01 - EP US); **C08G 18/8116** (2013.01 - EP US); **C09D 175/04** (2013.01 - EP); **C09D 175/16** (2013.01 - EP); **C09J 175/04** (2013.01 - EP); **C09J 175/16** (2013.01 - EP US)

C-Set (source: EP)

C08G 18/10 + C08G 18/672

Citation (search report)

See references of WO 2020021187A1

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 2020021187 A1 20200130; EP 3830202 A1 20210609; FR 3084367 A1 20200131; FR 3084367 B1 20200918; US 2021163671 A1 20210603

DOCDB simple family (application)

FR 2019051814 W 20190719; EP 19753179 A 20190719; FR 1857003 A 20180727; US 201917263475 A 20190719