

Title (en)

BIOBASED POLYCARBOXYLATE ETHERS AND METHOD FOR THEIR PREPARATION

Title (de)

BIOBASIERTE POLYCARBOXYLATETHER UND VERFAHREN ZU IHRER HERSTELLUNG

Title (fr)

ETHERS DE POLYCARBOXYLATE À BASE BIOLOGIQUE ET LEUR PROCÉDÉ DE FABRICATION

Publication

**EP 3041872 A1 20160713 (DE)**

Application

**EP 14759135 A 20140901**

Priority

- EP 13183378 A 20130906
- EP 2014068474 W 20140901
- EP 14759135 A 20140901

Abstract (en)

[origin: WO2015032710A1] The invention relates to methods for the production of polycarboxylate ethers, in which at least one bio-based starting material is used. The bio-based starting materials are, for example, selected from the group consisting of polyalkylene oxide, terminally modified polyalkylene oxide, acrylic acid or a salt thereof, methacrylic acid or a salt thereof and/or maleic acid or a salt thereof. The object of the invention is also a polycarboxylate ether which is at least partially bio-based. The polycarboxylate ether can be obtained in particular by the method according to the invention.

IPC 8 full level

**C08F 8/14** (2006.01); **C08F 216/14** (2006.01); **C08F 220/06** (2006.01); **C08F 222/06** (2006.01)

CPC (source: EP US)

**C04B 24/2647** (2013.01 - EP US); **C04B 24/32** (2013.01 - US); **C04B 28/02** (2013.01 - EP US); **C08F 290/062** (2013.01 - EP US); **C04B 2103/30** (2013.01 - EP US); **C08F 216/1425** (2020.02 - US); **C08F 216/1433** (2020.02 - EP US)

Citation (search report)

See references of WO 2015032710A1

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 2015032710 A1 20150312**; EP 3041872 A1 20160713; US 2016194430 A1 20160707

DOCDB simple family (application)

**EP 2014068474 W 20140901**; EP 14759135 A 20140901; US 201414912003 A 20140901