

Title (en)

ALPHA-ETHOXYSILANE-MODIFIED POLYMERS, PRODUCTION AND USE THEREOF

Title (de)

ALPHA-ETHOXYSILAN MODIFIZIERTE POLYMERE, DEREN HERSTELLUNG UND VERWENDUNG

Title (fr)

POLYMERES A MODIFICATION ALPHA-ETHOXYSILANE, LEUR PRODUCTION ET LEUR UTILISATION

Publication

**EP 1940993 A1 20080709 (DE)**

Application

**EP 06806391 A 20061019**

Priority

- EP 2006010082 W 20061019
- DE 102005051921 A 20051029

Abstract (en)

[origin: WO2007048538A1] The invention relates to a-ethoxysilane-modified polymers of average general formula (I), wherein R represents a monovalent to quadrivalent polymer radical, no more than one third of the radicals R<sup>1</sup>, R<sup>2</sup>, and R<sup>3</sup> contained in the polymer of formula (I) independently represent alkyl radicals with 1 to 4 carbon atoms, at least one fourth of the radicals R<sup>1</sup>, R<sup>2</sup>, and R<sup>3</sup> contained in the polymer of formula (I) independently represent ethoxy radicals, the optionally remaining radicals R<sup>1</sup>, R<sup>2</sup>, and R<sup>3</sup> independently represent methoxy radicals, and n = 1 to 4. The invention also relates to a method for producing the polymers of formula (I) and the use thereof in adhesives, sealants, and coating agents.

IPC 8 full level

**C09J 171/02** (2006.01); **C08L 101/10** (2006.01); **C09D 201/10** (2006.01); **C09J 201/10** (2006.01)

CPC (source: EP US)

**C08G 18/718** (2013.01 - EP US); **C08G 65/336** (2013.01 - EP US)

Citation (search report)

See references of WO 2007048538A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**DE 102005051921 A1 20070503**; BR PI0617946 A2 20110809; CA 2627006 A1 20070503; CN 101300319 A 20081105; CN 101300319 B 20130313; EP 1940993 A1 20080709; JP 2009513806 A 20090402; US 2008269406 A1 20081030; US 8003745 B2 20110823; WO 2007048538 A1 20070503

DOCDB simple family (application)

**DE 102005051921 A 20051029**; BR PI0617946 A 20061019; CA 2627006 A 20061019; CN 200680040483 A 20061019; EP 06806391 A 20061019; EP 2006010082 W 20061019; JP 2008538276 A 20061019; US 10548708 A 20080418