

Title (en)

METHOD FOR PRODUCING SOL-GEL CONDENSATES BASED ON POLYFUNCTIONAL ORGANOSILANES AND USE THEREOF

Title (de)

VERFAHREN ZUR HERSTELLUNG VON SOL-GEL-KONDENSATEN AUF BASIS POLYFUNKTIONELLER ORGANOSILANE SOWIE DEREN VERWENDUNG

Title (fr)

PROCEDE DE PREPARATION DE CONDENSATS SOL-GEL A BASE D'ORGANOSILANES A FONCTIONS MULTIPLES, ET LEUR UTILISATION

Publication

**EP 1363979 A1 20031126 (DE)**

Application

**EP 02702272 A 20020116**

Priority

- DE 10102739 A 20010123
- EP 0200362 W 20020116

Abstract (en)

[origin: US2002099161A1] The present invention relates to a process for producing sol-gel condensates by A1) reacting an aqueous silica sol with a silicon alkoxide and subsequently A2) converting the condensate obtained from A1) with a polyfunctional organosilane.

IPC 1-7

**C09D 183/04**; **C09D 183/14**; **C08G 83/00**

IPC 8 full level

**C08G 77/18** (2006.01); **C09D 183/00** (2006.01); **C09D 183/04** (2006.01); **C09D 183/14** (2006.01)

CPC (source: EP US)

**C08G 77/06** (2013.01 - EP US); **C09D 183/04** (2013.01 - EP US); **C09D 183/14** (2013.01 - EP US); **Y10T 428/2982** (2015.01 - EP US); **Y10T 428/2995** (2015.01 - EP US); **Y10T 428/31663** (2015.04 - EP US)

Citation (search report)

See references of WO 02059225A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**US 2002099161 A1 20020725**; **US 6673458 B2 20040106**; CA 2435201 A1 20020801; DE 10102739 A1 20020725; EP 1363979 A1 20031126; JP 2004528402 A 20040916; MX PA03006482 A 20040524; WO 02059225 A1 20020801

DOCDB simple family (application)

**US 5318502 A 20020117**; CA 2435201 A 20020116; DE 10102739 A 20010123; EP 0200362 W 20020116; EP 02702272 A 20020116; JP 2002559514 A 20020116; MX PA03006482 A 20020116