

Title (en)

UNSATURATED POLYESTER RESIN FOR ENGINEERED STONE COMPRISING FINE AND/OR POROUS PARTICLES

Title (de)

UNGESÄTTIGTES POLYESTERHARZ FÜR MANIPULIERTEN STEIN MIT FEINEN UND/ODER PORÖSEN PARTIKELN

Title (fr)

RÉSINE DE POLYESTER INSATURÉE DESTINÉE À UNE PIERRE ARTIFICIELLE COMPRENANT DES PARTICULES FINES ET/OU POREUSES

Publication

**EP 3535225 A4 20201104 (EN)**

Application

**EP 17867584 A 20171030**

Priority

- US 201662415707 P 20161101
- US 2017058963 W 20171030

Abstract (en)

[origin: WO2018085188A1] The invention relates to an unsaturated polyester resin of low molecular weight which is useful for the preparation of engineered stone. When mixing the unsaturated polyester resin with a fine inorganic particulate material such as cristobalite, a formable composition is obtained that can be further processed and cured to finally yield engineered stone as composite material. The invention also relates to a method for the preparation of engineered stone as well as to the use of the unsaturated polyester resin for the preparation of engineered stone.

IPC 8 full level

**C04B 26/02** (2006.01); **C04B 26/18** (2006.01); **C08F 283/01** (2006.01); **C08F 299/04** (2006.01); **C08G 63/52** (2006.01); **C04B 111/54** (2006.01)

CPC (source: EP)

**C04B 26/18** (2013.01); **C08F 299/04** (2013.01); **C08G 63/52** (2013.01); **C04B 2111/54** (2013.01)

Citation (search report)

- [XA] EP 0497511 A2 19920805 - REICHHOLD CHEMICALS INC [US]
- [XAI] WO 2016003867 A1 20160107 - ASHLAND LICENSING & INTELLECTU [US]
- [IA] US 4212790 A 19800715 - FUJITA YUKIO [JP], et al
- See references of WO 2018085188A1

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

DOCDB simple family (publication)

**WO 2018085188 A1 20180511**; BR 112019008886 A2 20190903; CA 3042244 A1 20180511; CN 110177768 A 20190827; EP 3535225 A1 20190911; EP 3535225 A4 20201104; IL 266335 A 20190630

DOCDB simple family (application)

**US 2017058963 W 20171030**; BR 112019008886 A 20171030; CA 3042244 A 20171030; CN 201780082036 A 20171030; EP 17867584 A 20171030; IL 26633519 A 20190429