

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  
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Application  
**EP 17867584 A 20171030**

Priority

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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  
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**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

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DOCDB simple family (publication)  
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**US 2017058963 W 20171030**; BR 112019008886 A 20171030; CA 3042244 A 20171030; CN 201780082036 A 20171030; EP 17867584 A 20171030; IL 26633519 A 20190429