

Title (en)  
CEMENTITIOUS COMPOSITION COMPRISING GLASS FRAGMENTS

Title (de)  
GLASFRAGMENTE ENTHALTENDE ZEMENTÄRE ZUSAMMENSETZUNG

Title (fr)  
COMPOSITION A BASE DE CIMENT COMPRENANT DES FRAGMENTS DE VERRE

Publication  
**EP 1470091 A1 20041027 (EN)**

Application  
**EP 02780148 A 20021107**

Priority  
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• NL 1019338 A 20011109

Abstract (en)  
[origin: WO03062167A1] The invention refers to a composite material, which encloses: \_\_\_\_-Glass fragments, which have a diameter of at least 5 mm. The volume percentage of the glass has to be at least 15% and it has a maximum of 80%.-The grinding and polishing of the surface of the panel/building element to make it transparant.-The coating of the glass fragments.-Glass fragments, which are given rough surfaces.-The coating of the polished or ground surface of the panel/building element.-The washing of the glass fragments.-The procedure of the new composite material according to the new invention, which remains the following steps: to mix the glass fragments, cement, sand and natural stone; to reinforce the composite material by using steel or synthetic material; to add color pigments to the composite material; to pour the mixture in a model; to compact the mixture so that air bubbles will disappear; the hardening time of the mixture/composite material; the use of recycle glass.

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