

Title (en)  
**REINFORCING MESH FOR A REINFORCED MORTAR LAYER OR SPRAYED MORTAR LAYER ON AN UNDERLAYMENT, AND METHOD FOR THE INSTALLATION THEREOF AND REINFORCED MORTAR COATING PRODUCED THEREWITH**

Title (de)  
**BEWEHRUNGSMATTE FÜR EINE ARMIERTE MÖRTEL- ODER SPRITZMÖRTELSCHICHT AUF EINER UNTERLAGE SOWIE VERFAHREN ZU DEREN EINBAU UND DAMIT ERSTELLTE ARMIERTE MÖRTELBSCHICHTUNG**

Title (fr)  
**TREILLIS D'ARMATURE POUR UNE COUCHE DE MORTIER OU DE MORTIER PROJETÉ ARMÉE SUR UNE BASE, PROCÉDÉ DE POSE ASSOCIÉ ET REVÊTEMENT DE MORTIER ARMÉ AINSI OBTENU**

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Abstract (en)  
 [origin: WO2011022849A1] The invention relates to a reinforcing mesh (11) to be used for a reinforced mortar or sprayed mortar layer on an underlayment (9). The reinforcing mesh includes carbon fibers (3) extending only in a marked direction as a special feature, and together with inexpensive stabilizing fibers (4) made of glass or polyester, which extend in one or more other directions, the reinforcing mesh forms a woven fabric, a scrim, or a knitted fabric. The mesh size is at least 10 mm, wherein the carbon fibers (3) used each have a tensile modulus of elasticity of greater than 200 gigapascals. The reinforcing mesh is laid by means of the following method steps: a) roughening the surface of the underlayment (9); b) applying a leveling layer (10) of cementitious mortar to the rough surface of the underlayment (9); c) fastening the reinforcing mesh (11) by pressing the reinforcing mesh into the wet, not yet set leveling layer (10); d) applying a cover layer (12) of the identical cementitious mortar to the wet, not yet set, reinforced leveling layer (10).

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Citation (search report)  
 See references of WO 2011022849A1

Citation (third parties)  
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