

Title (en)
NEEDED GLASS MAT

Title (de)
VERNADELTE GLASMATTE

Title (fr)
MAT DE VERRE AIGUILLETE

Publication
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Application
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Abstract (en)
[origin: WO2005054559A1] The invention relates to a method of preparing a needled glass mat. The inventive method comprises the following steps consisting in: a) depositing or projecting fibres onto a conveyor in order to form a blanket of said fibres, which is driven by the conveyor; b) and needling using barbed needles which pass through the blanket and move in the direction of said blanket at essentially the same speed of same while passing therethrough, with a punch density varying between 1 and 25/cm<2>. The invention is quick and effective and the mat produced can be easily deformed by hand in order to be placed in a resin-injected composite production mould (RTM). The inventive mat can also be incorporated in a sheet moulding compound (SMC) and pressure moulded.

IPC 8 full level
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CPC (source: EP US)
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