

Title (en)

Method for continuous production of impregnated paper honeycomb

Title (de)

Verfahren zur kontinuierlichen Herstellung imprägnierter Papierwaben

Title (fr)

Procédé de fabrication continue d'alvéoles de papier imprégné

Publication

**EP 2186940 B1 20121219 (DE)**

Application

**EP 09013677 A 20091030**

Priority

DE 102008057481 A 20081114

Abstract (en)

[origin: EP2186940A1] Continuous production of impregnated paper honeycomb (I) using polyurethane resin as core material, comprises: continuous production of expanded paper honeycomb material; continuous treatment of the material with an impregnating agent containing a polyurethane resin-containing solvent mixture; incipient dissolution and complete penetration of the paper honeycomb with the impregnating agent; reaction of the polyurethane resin with the existing moisture in the paper honeycomb and evaporation of the solvent content; and curing (I). Continuous production of impregnated paper honeycomb (I) using polyurethane resin as core material, comprises: continuous production of expanded paper honeycomb material; continuous treatment of the material with an impregnating agent containing a polyurethane resin-containing solvent mixture, where the reduced viscosity of the solvent is 10-35%; incipient dissolution and complete penetration of the paper honeycomb with the impregnating agent; reaction of the polyurethane resin with the existing moisture in the paper honeycomb and evaporation of the solvent content; and curing (I). An independent claim is included for the paper honeycomb impregnated with polyurethane resin.

IPC 8 full level

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CPC (source: EP)

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Cited by

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DOCDB simple family (publication)

**EP 2186940 A1 20100519**; **EP 2186940 B1 20121219**; PL 2186940 T3 20130531

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