

Title (en)

METHOD AND APPARATUS FOR MAKING FIBRE SHEETS FOR USE AS PREFORMS FOR PRESSED ARTICLES

Publication

**EP 0152837 B1 19880727 (DE)**

Application

**EP 85101034 A 19850201**

Priority

DE 3403670 A 19840203

Abstract (en)

1. Process for producing fibrous mats as a starting material for mouldings, in that shredded waste materials are mixed with thermoplastic and/or duroplastic binders, the mixture is strewn to a fleece on an air-permeable conveyor belt and under elevated temperature and under pressure the fleece is compressed to a transportable mat from which individual mouldings are produced by moulding at temperatures between 180 and 220 degrees C, characterized in that under the constant action of vacuum to the underside of the conveyor belt on a first fleece layer is loosely placed a polyester fabric or lattice with at least partly multifilament threads, a mesh width between 4 and 7 mm and with a heat-activatable, duroplastic finish with an affinity for the binder of the fibres, then a second fleece layer is strewn on the fabric or lattice and then the layers are compressed to a mat, the polyester fabric being thermally conditioned prior to its use at temperatures roughly corresponding to the moulding temperature during the production of mouldings.

IPC 1-7

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IPC 8 full level

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