

Title (en)
PROCESS FOR MANUFACTURING PANELS OF MINERAL WOOL

Title (de)
VERFAHREN ZUR HERSTELLUNG VON MINERALFASERPLATTEN

Title (fr)
PROCEDE DE FABRICATION DE PANNEAUX DE LAINE MINERALE

Publication
EP 1709132 B2 20150429 (EN)

Application
EP 05701042 A 20050119

Priority

- EP 2005000488 W 20050119
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Abstract (en)
[origin: WO2005068574A1] The present invention relates to a process for manufacturing panels of lamellar mineral wool, for use as sound, thermal and fireproof insulation of external walls of buildings, as well as ceilings of garages over which heated rooms are located. In the invention elements are bonded together using a hot melt adhesive. Preferably the elements are formed by cutting a web of mineral fibre, preferably of high thickness such as about 20 cm, transversely, rotating the elements by 90° and bonding them at their largest surfaces. Preferably the hot melt and adhesive is a polyolefin-based hot melt adhesive having melting point about 100°C and viscosity at 170°C of from 2600 to 3000 mPa.s.

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Citation (opposition)
Opponent :

- DE 3223246 A1 19830113 - OESTERR HERAKLITH AG [AT]
- US 4025680 A 19770524 - BOTSOLAS CHRISTOS JOHN, et al
- US 6415573 B1 20020709 - MOULDER RONALD [US]
- WO 9210602 A1 19920625 - ROCKWOOL INT [DK]
- EP 0017969 A2 19801029 - IHLEFELD KARL HELMUT

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