

Title (en)

Process and apparatus for manufacturing mineral fiber boards and manufactured mineral fiber boards.

Title (de)

Verfahren und Vorrichtung zum Herstellen von Mineralfaserplatten sowie danach hergestellte Mineralfaserplatten.

Title (fr)

Procédé et installation pour la production des panneaux en fibres minérales, ainsi que ces panneaux produits en fibres minérales.

Publication

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Application

EP 92101385 A 19920128

Priority

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- DE 4135623 A 19911029

Abstract (en)

[origin: EP0498276A1] In the process for manufacturing mineral fibreboards, in which mineral fibres wetted with a binder are deposited on a conveyor device to form a mineral-fibre layer, in order to feed them to a continuous-flow oven, during conveyance the mineral-fibre layer is precompressed in thickness in front of the continuous-flow oven and subsequently is folded in length as a result of alternate bulging, the mineral fibres of the mineral-fibre layer are felted, and then the mineral-fibre layer is so compressed in thickness that, after hardening, it has a virtually plane surface, the mineral-fibre layer is felted in a controlled manner in particular regions, in that, when a force which can be applied to the mineral fibres is exerted, the vertical component of the force is maximised in the region to be felted. <IMAGE>

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D04H 1/70; **D04H 1/74**

IPC 8 full level

D04H 1/4209 (2012.01); **D04H 1/44** (2006.01); **D04H 1/58** (2012.01); **D04H 1/70** (2012.01); **D04H 1/74** (2006.01); **D04H 17/00** (2006.01); **D04H 18/00** (2012.01)

IPC 8 main group level

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CPC (source: EP)

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Cited by

CH692114A5; EP1048887A3; FR2830026A1; CH691816A5; EP1029995A3; FR2814474A1; DE4222207C3; DE4220338A1; DE4244904C2; DE4220338C2; US7354541B2; US7337981B2; WO0227090A1; WO2014095899A1; WO9736035A1; WO9736034A1; EP0648286B2

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