

Title (en)
METHOD FOR PRODUCING FIBRE CEMENT PANELS

Title (de)
VERFAHREN ZUR HERSTELLUNG VON FASERZEMENT-PLATTEN

Title (fr)
PROCEDE DE PRODUCTION DE PLAQUES EN FIBROCIMENT

Publication
EP 1089857 A1 20010411 (DE)

Application
EP 99926188 A 19990617

Priority
• AT 9900159 W 19990617
• AT 108698 A 19980623

Abstract (en)
[origin: WO9967071A1] The invention relates to a method and a device for producing fibre cement panels or moulded bodies or such like. The method provided for by the invention comprises the following steps: production of a fibre suspension from a binder which contains cement and in which cellulose fibres or similar fibres are distributed; dilution of the fibre suspension with water to a predefined concentration of solids; transfer of the diluted fibre suspension into at least one perforated cylinder box (6a, 6b), whereby the filling level of said perforated cylinder box (6a, 6b) is adjusted to a set value; application of the diluted fibre suspension onto a perforated cylinder drum (7a, 7b) located in the perforated cylinder box; transfer of the fibre-suspension layer formed on the perforated cylinder drum (7a, 7b) onto a felt strip (8); drying and pressing of the layer positioned on the felt strip (8); removal of the layer from the felt strip (8) for the production of panels or moulded bodies; measurement of the thickness of the layer removed from the felt strip; and adjustment of the bulk density of the suspension supplied to the perforated cylinder box (6a, 6b). Improved control over panel thickness is obtained by modifying the set value of the filling level of at least one perforated cylinder box (6a, 6b) in accordance with the measured thickness of the layer removed from the felt strip (8).

IPC 1-7
B28B 1/42; **B28B 1/52**

IPC 8 full level
B28B 1/42 (2006.01); **B28B 1/52** (2006.01); **B28B 17/00** (2006.01)

CPC (source: EP)
B28B 1/42 (2013.01); **B28B 1/527** (2013.01); **B28B 17/0072** (2013.01)

Cited by
CN107810095A

Designated contracting state (EPC)
AT BE CH DE FR IT LI

DOCDB simple family (publication)
WO 9967071 A1 19991229; AT 409944 B 20021227; AT A108698 A 20020515; AT E224795 T1 20021015; AU 4353799 A 20000110; DE 59902858 D1 20021031; EP 1089857 A1 20010411; EP 1089857 B1 20020925

DOCDB simple family (application)
AT 9900159 W 19990617; AT 108698 A 19980623; AT 99926188 T 19990617; AU 4353799 A 19990617; DE 59902858 T 19990617; EP 99926188 A 19990617