

Title (en)
PROCESS AND APPARATUS FOR THE PRODUCTION OF A MINERAL FIBREBOARD

Title (de)
VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG VON EINER MINERALFASERPLATTE

Title (fr)
PROCEDE ET APPAREIL DE FABRICATION DE PANNEAUX DE FIBRES MINERALES

Publication
EP 0889981 A1 19990113 (EN)

Application
EP 97914299 A 19970324

Priority
• CH 76896 A 19960325
• CH 216796 A 19960902
• CH 216996 A 19960902
• EP 9701490 W 19970324

Abstract (en)
[origin: WO9736035A1] In a continuous process for the production of a bonded mineral fibreboard a fleece is compressed in the thickness direction to a first thickness substantially without simultaneous longitudinal compression and then compressed in length, no further thickness compression preferably taking place before the bonding of the fleece. During the longitudinal compression the precompressed fleece is clamped to a thickness in the range of between approximately 1 and 1.3, preferably between 1 and 1.1 of the nominal thickness of the finished product. The preferably single-stage longitudinal compression to 2 to 10 times the weight/unit area of the precompressed fleece is substantially carried out so as to avoid any pleating of the fleece and prevent any break-out of the fleece between the longitudinal compression unit (19; 19') and the bonding station (25). A multiply bonded mineral fibreboard may be obtained by longitudinally compressing of fleece and then dividing it into two or more layers, subjecting at least one of these layers to thickness and/or longitudinal compression and then recombining them.

IPC 1-7
D04H 1/70

IPC 8 full level
D04H 1/4209 (2012.01); **D04H 1/70** (2012.01); **D04H 1/4218** (2012.01); **D04H 1/4226** (2012.01); **D04H 1/58** (2012.01); **D04H 1/593** (2012.01); **D04H 1/645** (2012.01); **D04H 1/736** (2012.01); **D04H 1/74** (2006.01); **D04H 13/00** (2006.01)

CPC (source: EP)
D04H 1/4209 (2013.01); **D04H 1/4218** (2013.01); **D04H 1/4226** (2013.01); **D04H 1/593** (2013.01); **D04H 1/64** (2013.01); **D04H 1/645** (2013.01); **D04H 1/655** (2013.01); **D04H 1/74** (2013.01); **D04H 13/00** (2013.01)

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Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB IT LI NL SE

DOCDB simple family (publication)
WO 9736035 A1 19971002; AT E209715 T1 20011215; AT E395452 T1 20080515; AU 2159897 A 19971017; BA 98344 A 20010914; CZ 291473 B6 20030312; CZ 291481 B6 20030312; CZ 302498 A3 19990915; DE 69708613 D1 20020110; DE 69708613 T2 20020801; DE 69738694 D1 20080626; DK 1111113 T3 20080915; EA 000493 B1 19990826; EA 199800855 A1 19990429; EP 0889981 A1 19990113; EP 0889981 B1 20011128; EP 1111113 A2 20010627; EP 1111113 A3 20030903; EP 1111113 B1 20080514; EP 1942217 A2 20080709; EP 1942217 A3 20081105; ES 2166530 T3 20020416; ES 2306679 T3 20081116; HU 0200479 D0 20020429; HU 223013 B1 20040301; HU 225208 B1 20060828; HU P0001326 A2 20000828; HU P0001326 A3 20001030; PL 184688 B1 20021129; PL 186337 B1 20031231; PL 329169 A1 19990315; SI 0889981 T1 20020630; SI 1111113 T1 20081231; SK 127998 A3 19990507; SK 12862001 A3 20020107; SK 283915 B6 20040504; SK 286867 B6 20090605

DOCDB simple family (application)
EP 9701490 W 19970324; AT 01102183 T 19970324; AT 97914299 T 19970324; AU 2159897 A 19970324; BA 980344 A 19980918; CZ 20012961 A 20010815; CZ 302498 A 19970324; DE 69708613 T 19970324; DE 69738694 T 19970324; DK 01102183 T 19970324; EA 199800855 A 19970324; EP 01102183 A 19970324; EP 08007764 A 19970324; EP 97914299 A 19970324; ES 01102183 T 19970324; ES 97914299 T 19970324; HU P0001326 A 19970324; HU P0200479 A 19970324; PL 32916997 A 19970324; PL 35158497 A 19970324; SI 9730262 T 19970324; SI 9730780 T 19970324; SK 127998 A 19970324; SK 12862001 A 19970324