

Title (en)

METHOD AND APPARATUS FOR MANUFACTURING STRUCTURES, ESPECIALLY BOARDS, AND THE USE OF THESE BOARDS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM HERSTELLEN VON STRUKTUREN INSBESONDERE VON PLATTEN UND DIE VERWENDUNG DIESER PLATTEN

Title (fr)

PROCEDE ET APPAREIL DE FABRICATION DE STRUCTURES, EN PARTICULIER DES PLAQUES, ET UTILISATION DE CES PLAQUES

Publication

EP 0796165 A1 19970924 (EN)

Application

EP 95925872 A 19950726

Priority

- FI 9500406 W 19950726
- FI 943519 A 19940727

Abstract (en)

[origin: WO9603263A1] The invention relates to a method and an apparatus for manufacturing cement flake boards (7) having hollow channels (10) arranged between outer board portions (8). A mix (11) comprising a fibre material and a cement binding agent is provided between outer press panel elements (5, 6), subjected to an outer pressure and rapidly cured under the influence of carbon dioxide gas. At least one separate core press expander element (3) is arranged between said outer press panel elements (5, 6), and prior to the curing said mix (11) is subjected to an inner pressure by expanding said core press expander element(s) (3) inside said mix (11) between said outer press panel elements (5, 6).

IPC 1-7

B28B 1/52

IPC 8 full level

B28B 1/52 (2006.01); **B28B 3/00** (2006.01); **B28B 3/02** (2006.01); **B28B 3/08** (2006.01); **B28B 7/30** (2006.01); **B28B 7/32** (2006.01); **B28B 7/44** (2006.01)

CPC (source: EP)

B28B 3/00 (2013.01); **B28B 3/086** (2013.01); **B28B 7/30** (2013.01); **B28B 7/306** (2013.01); **B28B 7/44** (2013.01)

Citation (search report)

See references of WO 9603263A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 9603263 A1 19960208; AT E214655 T1 20020415; AU 2983695 A 19960222; BR 9508442 A 19971118; DE 69525965 D1 20020425; DE 69525965 T2 20021031; DK 0796165 T3 20020708; EE 03957 B1 20030217; EE 9700027 A 19970815; EP 0796165 A1 19970924; EP 0796165 B1 20020320; ES 2173960 T3 20021101; FI 104240 B1 19991215; FI 104240 B 19991215; FI 943519 A0 19940727; FI 943519 A 19960128; JP H10502027 A 19980224; NO 311709 B1 20020114; NO 970286 D0 19970122; NO 970286 L 19970325; PT 796165 E 20020830; RU 2162407 C2 20010127; UA 27082 C2 20000228

DOCDB simple family (application)

FI 9500406 W 19950726; AT 95925872 T 19950726; AU 2983695 A 19950726; BR 9508442 A 19950726; DE 69525965 T 19950726; DK 95925872 T 19950726; EE 9700027 A 19950726; EP 95925872 A 19950726; ES 95925872 T 19950726; FI 943519 A 19940727; JP 50550296 A 19950726; NO 970286 A 19970122; PT 95925872 T 19950726; RU 97101082 A 19950726; UA 97010307 A 19950726