

Title (en)

METHOD AND DEVICE FOR EXTRUDING A MIXTURE OF PLANT PARTICLES AND BINDING AGENTS

Publication

EP 0025114 B1 19830713 (DE)

Application

EP 80104538 A 19800731

Priority

DE 2932406 A 19790809

Abstract (en)

[origin: ES8106666A1] A method of and apparatus for the cold extrusion of a mixture of plant particles and a binder, especially for the production of load-bearing beams and similar shaped bodies in which the plant particles are wood chips or the like, utilizes a plunger, ram or piston for displacement of the mixture into the extrusion passages (in which hardening can occur) under conditions such that the material flows during compaction and is compressed with a densification ratio of 2:1 to 4:1 (preferably 3:1), a plunger stroke of 400 to 800 mm (preferably 600 mm) and a velocity of the plunger between 0.04 and 1.5 meters per second (preferably 0.06 meters per second).

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B29J 5/10

IPC 8 full level

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EP 0025114 A1 19810318; EP 0025114 B1 19830713; AT E4103 T1 19830715; CA 1158411 A 19831213; CS 239909 B2 19860116; DD 152512 A5 19811202; DE 2932406 A1 19810212; DE 2932406 C2 19830623; DE 3064128 D1 19830818; DK 154812 B 19881227; DK 154812 C 19890529; DK 342680 A 19810210; ES 494108 A0 19810801; ES 499703 A0 19820501; ES 8106666 A1 19810801; ES 8204651 A1 19820501; FI 70683 B 19860626; FI 70683 C 19861006; FI 802463 A 19810210; HU 184811 B 19841029; IL 60788 A 19840229; NO 157529 B 19871228; NO 157529 C 19880406; NO 802357 L 19810210; PL 130213 B1 19840731; PL 226142 A1 19810410; PT 71674 A 19800901; PT 71674 B 19810629; RO 86675 A 19850417; RO 86675 B 19850501; US 4358418 A 19821109; YU 200980 A 19831231; YU 42677 B 19881031

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