

Title (en)

Method and device for profile extruding, especially tube extruding a mixture of plant particles with binding agents

Title (de)

Verfahren und Vorrichtung zum Strangpressen bzw. Strangrohrpressen eines Gemenges aus pflanzlichen Kleinteilen mit Bindemitteln

Title (fr)

Procédé et dispositif pour extruder des profils, en particulier pour extruder des tubes à partir d'un mélange de copeaux végétaux et de liants

Publication

EP 0638401 B1 19960821 (DE)

Application

EP 94113635 A 19890420

Priority

- DE 3814099 A 19880426
- DE 3814103 A 19880426
- EP 89107163 A 19890420

Abstract (en)

[origin: EP0339495A2] The invention relates to a method for profile extruding or tube extruding a mixture of plant particles, especially wood particles, with binding agents, wherein the mixture is compressed by the profile-extrusion pressing ram in a filling space and is consolidated in the curing channel. The filled material is forced through a filling and pressing space, this space widening in the form of a wedge towards the curing channel so that the filled material is subjected to equal compression in the pressing direction. As a result of this equal compression in the length of each extrusion produced by the pressing stroke, the pressure acting on the boundary walls of the filling and pressing space when the final compression of the extrusion is reached is approximately equal over the length.

IPC 1-7

B27N 3/28; **B30B 11/26**

IPC 8 full level

B27N 3/28 (2006.01); **B30B 11/26** (2006.01)

CPC (source: EP)

B27N 3/28 (2013.01); **B27N 5/02** (2013.01); **B30B 11/26** (2013.01)

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0339495 A2 19891102; **EP 0339495 A3 19910403**; AT E141544 T1 19960915; DE 58909715 D1 19960926; EP 0638401 A1 19950215; EP 0638401 B1 19960821

DOCDB simple family (application)

EP 89107163 A 19890420; AT 94113635 T 19890420; DE 58909715 T 19890420; EP 94113635 A 19890420