

Title (en)

Method and device for controlling the compaction in the extrusion of small parts composed of lignocellulosic particles with adhesives.

Title (de)

Verfahren und Vorrichtung zur Steuerung der Verdichtung beim Strang- und Strangrohrpressen von Kleinteilen, insbesondere aus pflanzlichen Kleinteilen, mit Bindemitteln.

Title (fr)

Méthode et appareil pour régler le compactage lors de l'extrusion de parties composées de particules lignocellulosiques et liants.

Publication

EP 0345557 B1 19940413 (DE)

Application

EP 89109483 A 19890526

Priority

DE 3819382 A 19880607

Abstract (en)

[origin: EP0345557A2] A description is given of a method for controlling densification during extrusion and tube extrusion of small parts, in particular small parts composed of vegetable matter, using binders, in which the filling and pressing chamber and the cooling and moulding channel, as well as the hardening channel are longitudinally divided by partition walls and form at least two or more filling and pressing chambers, possibly cooling and moulding channels and hardening channels. The invention is characterised in that for the purpose of controlling the densification of the strands, the friction takes place, entirely or partially or in conformity with the circumferential part relating to the circumference of the associated extruded profile or profiles, through the pressing of the walls of the heated partition walls against the strands by means of the same fluid heating and hydraulic medium in the same heating and hydraulic circuit.

IPC 1-7

B27N 3/28

IPC 8 full level

B27N 3/28 (2006.01); **B30B 11/22** (2006.01); **B30B 11/26** (2006.01)

CPC (source: EP)

B27N 3/28 (2013.01); **B30B 11/224** (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 0345557 A2 19891213; **EP 0345557 A3 19910410**; **EP 0345557 B1 19940413**; AT E104201 T1 19940415; DE 58907432 D1 19940519

DOCDB simple family (application)

EP 89109483 A 19890526; AT 89109483 T 19890526; DE 58907432 T 19890526