

Title (en)

Process and device for making profiled tubular pressed articles from a material in a plastic state such as clay or similar

Title (de)

Verfahren und Vorrichtung zum Herstellen von profilierten, rohrförmigen Presslingen aus plastischem Material wie Ton und dergleichen

Title (fr)

Procédé et dispositif pour la fabrication d'éléments pressés de forme tubulaire et profilés à partir d'un matériau à l'état plastique comme l'argile ou similaire

Publication

EP 0695611 B1 20000322 (DE)

Application

EP 95111648 A 19950725

Priority

DE 4427588 A 19940804

Abstract (en)

[origin: EP0695611A2] The production process uses a multiply perforated mouthpiece (20) which, over its length and/or periphery of a material extrusion press, is moved into a closed press mould (11,12) and the press mould is filled with material. The mouthpiece and the press mould are rotated relatively to one another and after withdrawal of the mouthpiece a rubber bladder is fed into the resultant space, being then set under pressure, the pressure being maintained for a predetermined time period. The rubber bladder is set under pressure with a gas, e.g. compressed air. A high pressure of at least 70 bars is maintained for a few minutes. The two-part press mould has a porous cladding and a material extrusion press is provided with a wave mixer and a delivery worm.

IPC 1-7

B28B 13/02; **B28B 21/20**; **B28B 5/08**

IPC 8 full level

B28B 3/20 (2006.01); **B28B 3/26** (2006.01); **B28B 5/08** (2006.01); **B28B 13/02** (2006.01); **B28B 21/20** (2006.01); **B28B 21/38** (2006.01)

CPC (source: EP)

B28B 3/20 (2013.01); **B28B 3/26** (2013.01); **B28B 5/08** (2013.01); **B28B 13/0205** (2013.01); **B28B 21/205** (2013.01); **B28B 21/38** (2013.01)

Cited by

CN112895126A; DE102005007909A1; WO2005105403A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 0695611 A2 19960207; **EP 0695611 A3 19971119**; **EP 0695611 B1 20000322**; AT E190898 T1 20000415; DE 4427588 C1 19950907; DE 59508031 D1 20000427; ES 2144547 T3 20000616

DOCDB simple family (application)

EP 95111648 A 19950725; AT 95111648 T 19950725; DE 4427588 A 19940804; DE 59508031 T 19950725; ES 95111648 T 19950725