Title (en)
METHOD AND DEVICE FOR PRODUCING AN EXTRUSION PROFILE

Title (de)
VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG EINES STRANGPRESSPROFILES

Title (fr)
PROCEDE ET DISPOSITIF POUR LA FABRICATION D'UN PROFILE EXTRUDE

Publication
EP 1068068 A1 20010117 (DE)

Application
EP 99920580 A 19990323

Priority
- DE 19813028 A 19980325
- DE 19826408 A 19980615
- DE 19838187 A 19980824
- EP 9901982 W 19990323

Abstract (en)
[origin: WO9948659A1] The invention relates to a method and device for producing a profile out of a mixture of small parts in which the mixture is pressed through a channel device which determines the cross-section of the profile. The mixture is heated in a heating channel section and is moved through the heating channel section up to a channel exit area while the mixture partially bonds. The mixture is then extracted from the channel exit area as a profile exhibiting an adequate dimensional stability. According to the invention, the mixture is guided in the channel device, into an area which is located after the heating channel section in the direction of movement, and through a hot gas zone. In said hot gas zone, an area of an extruded section which is pressed out of the heating channel section is impinged upon by pressurized hot gas and heated up to a bonding temperature. As a result, it is possible to produce extrusion profiles with an improved effectiveness in an advantageous manner.

IPC 1-7
B30B 11/22; B30B 11/24; B27N 3/28

IPC 8 full level
B27N 3/28 (2006.01); **B30B 11/24** (2006.01); **B30B 15/34** (2006.01)

CPC (source: EP)
B27N 3/28 (2013.01); **B30B 11/24** (2013.01); **B30B 11/246** (2013.01); **B30B 15/34** (2013.01)

Citation (search report)
See references of WO 9948675A1

Designated contracting state (EPC)
AT DE NL SE

DOCDB simple family (publication)
WO 9948659 A1 19990930; AT E349305 T1 20070115; AU 3147299 A 19991018; AU 3521299 A 19991018; AU 3811799 A 19991018; DE 19980473 D2 20010621; DE 19980474 D2 20010726; DE 19980475 D2 20010712; DE 59914093 D1 20070208; EP 1066138 A1 20010110; EP 1066138 B1 20061227; EP 1068068 A1 20010117; EP 1068069 A1 20010117; WO 9948675 A1 19990930; WO 9948676 A1 19990930

DOCDB simple family (application)
EP 9901988 W 19990323; AT 99913293 T 19990323; AU 3147299 A 19990323; AU 3521299 A 19990323; AU 3811799 A 19990323; DE 19980473 T 19990323; DE 19980474 T 19990323; DE 19980475 T 19990323; DE 59914093 T 19990323; EP 9901982 W 19990323; EP 9901987 W 19990323; EP 99913293 A 19990323; EP 99916880 A 19990323; EP 99920580 A 19990323