

Title (en)
DEVICE FOR EXTRUDING A THERMOPLASTIC POLYMER INTO A TUBE, AND AN EXTRUDER HEAD THEREFOR

Title (de)
VORRICHTUNG ZUM EXTRUDIEREN VON EINEM KUNSTSTOFFROHR, UND EXTRUSIONSKOPF DAFÜR

Title (fr)
DISPOSITIF POUR EXTRUDER SOUS FORME DE TUBE UN POLYMERE THERMOPLASTIQUE, ET TETE D'EXTRUDEUSE A CET EFFET

Publication
EP 1401628 A1 20040331 (EN)

Application
EP 02743982 A 20020702

Priority
• NL 0200432 W 20020702
• NL 1018450 A 20010703

Abstract (en)
[origin: WO03004247A1] The invention relates to a device (1) for extruding a thermoplastic polymer into a tube, comprising means for annular feed of tube material for extrusion to an extruder head which comprises an extruder head gap with an inner wall and an outer wall, wherein the inner wall (6) and/or the outer wall (5) of the diverging conical gap (4) and/or of the converging part of the compression gap is provided with guide structures (8, 9) running in axial direction for tube material. The invention also relates to an extruder head in accordance with the above stated device.

IPC 1-7
B29C 47/20; **B29C 47/92**

IPC 8 full level
B29C 48/09 (2019.01); **B29C 48/32** (2019.01); **B29C 48/92** (2019.01)

CPC (source: EP US)
B29C 48/09 (2019.01 - EP US); **B29C 48/32** (2019.01 - EP US); **B29C 48/92** (2019.01 - EP US); **B29C 48/0012** (2019.01 - EP US); **B29C 48/13** (2019.01 - EP US); **B29C 2948/92704** (2019.01 - EP US); **B29C 2948/92895** (2019.01 - EP US); **B29K 2105/04** (2013.01 - EP); **B29L 2023/22** (2013.01 - EP)

Citation (search report)
See references of WO 03004247A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)
WO 03004247 A1 20030116; EP 1401628 A1 20040331; NL 1018450 C2 20030108

DOCDB simple family (application)
NL 0200432 W 20020702; EP 02743982 A 20020702; NL 1018450 A 20010703