

Title (en)
Method for forming a tubular element

Title (de)
Verfahren zum Umformen eines Rohrelements

Title (fr)
Procédé de formage d' un élément tubulaire

Publication
EP 2020267 B1 20110105 (DE)

Application
EP 07015302 A 20070803

Priority
EP 07015302 A 20070803

Abstract (en)
[origin: EP2020267A1] An improved method for cold drawing of rod and tube material has the workpiece pressed between two dies (2, 4) to the required flange shape. An inner drive shaft (3) with grip profiles (14) drives the workpiece axially to push additional material into the forming zone (10) to compensate for subsequent relaxing of the material and to achieve the required profile in one operation. The axial drive can be in either direction.

IPC 8 full level
B21K 21/12 (2006.01); **B21D 19/08** (2006.01); **B21K 23/04** (2006.01); **B21D 41/02** (2006.01); **B21J 5/08** (2006.01)

CPC (source: EP)
B21D 19/08 (2013.01); **B21D 22/025** (2013.01); **B21D 41/02** (2013.01); **B21K 21/12** (2013.01); **B21K 23/04** (2013.01)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 2020267 A1 20090204; EP 2020267 B1 20110105; AT E494087 T1 20110115; DE 502007006195 D1 20110217

DOCDB simple family (application)
EP 07015302 A 20070803; AT 07015302 T 20070803; DE 502007006195 T 20070803