

Title (en)

Flow-turning method and device for forming a hub without cutting

Title (de)

Verfahren und Drückwalzmaschine zum spanlosen Anformen einer Nabe

Title (fr)

Méthode et dispositif de fluotournage pour le formage d' un moyeu sans enlèvement de copeaux

Publication

EP 1362652 B1 20040707 (DE)

Application

EP 02009798 A 20020430

Priority

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Abstract (en)

[origin: EP1362652A1] The non-chipping process forms a hub on a workpiece (1). A roller (10) with an angled-tip separating edge (12) is set against the rotating workpiece. One region of material is thus branched off in a roughly V-shape. This region is then finally shaped by a final shaping roller. This roller has an axial stop surface by which an axial sector of the V-shaped branched-off material region is bounded.

IPC 1-7

B21H 1/02; **B21D 53/26**

IPC 8 full level

B21D 53/26 (2006.01); **B21H 1/04** (2006.01)

CPC (source: EP)

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