

Title (en)

Flow-turning method, roller and machine for forming a cylindrical hub without cutting

Title (de)

Verfahren, Rolle und Drückwalzmaschine zum spanlosen Anformen einer zylindrischen Nabe

Title (fr)

Méthode, rouleau et machine de fluotournage pour le formage d' un moyeu cylindrique sans enlèvement de copeaux

Publication

EP 1382404 B1 20080423 (DE)

Application

EP 02013831 A 20020621

Priority

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Abstract (en)

[origin: EP1382404A1] Process comprises positioning a splitting roller (10) with a pointed separating edge (12) on the workpiece (1) rotating about an axis of rotation (14) and splitting off a material region (3). Cylindrical hub (5) is formed from this split-off material region using at least one post-forming roller (20). Before the end molding step the split-off material region is provided with a defined curve shape. Independent claims are also included for the following: (1) Splitting roller with a pointed separating edge; (2) Intermediate molding roller; and (3) Pressure rolling machine.

IPC 8 full level

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