

Title (en)

Process for the manufacture of rotationally symmetrical workpieces, with or without toothed profile

Title (de)

Verfahren zur Herstellung rotationssymmetrischer Werkstücke mit oder ohne Verzahnungsprofil

Title (fr)

Procédé pour la fabrication de pièces à symétrie de révolution, avec ou sans profil de dent

Publication

EP 1743720 A1 20070117 (DE)

Application

EP 05015102 A 20050712

Priority

EP 05015102 A 20050712

Abstract (en)

The production process involves deforming the initial material (3) using a shaping die (1) and a rotatable tool (2). The die has a boring (11) along its central axis. The initial material is passed into the boring and pressed between the die and the rotating tool, so that it flows outwards from the center into the contour of the die.

IPC 8 full level

B21J 9/02 (2006.01); **B21J 5/02** (2006.01); **B21J 5/08** (2006.01); **B21K 1/30** (2006.01)

CPC (source: EP KR US)

B21J 5/02 (2013.01 - EP KR US); **B21J 5/063** (2013.01 - EP US); **B21J 5/08** (2013.01 - EP US); **B21J 9/025** (2013.01 - EP KR US); **B21K 1/30** (2013.01 - EP US)

Citation (search report)

- [XA] GB 1457600 A 19761208 - ROWEN ARC LTD, et al
- [A] DE 19714753 A1 19981015 - GFU GES FUER UMFORMUNG UND MAS [DE]
- [X] PATENT ABSTRACTS OF JAPAN vol. 010, no. 257 (M - 513) 3 September 1986 (1986-09-03)
- [X] PATENT ABSTRACTS OF JAPAN vol. 2003, no. 12 5 December 2003 (2003-12-05)
- [A] PATENT ABSTRACTS OF JAPAN vol. 1996, no. 09 30 September 1996 (1996-09-30)

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