

Title (en)

Method and device for the manufacture of rotating objects by flow conversion.

Title (de)

Verfahren und Vorrichtung zur Herstellung von Rotationskörpern durch Fliessumformung.

Title (fr)

Procédé et dispositif pour la fabrication de corps de révolution à l'aide de formage par fluage.

Publication

EP 0291714 B1 19940706 (DE)

Application

EP 88106349 A 19851015

Priority

- AT 334584 A 19841019
- AT 334684 A 19841019
- EP 85905045 A 19851015

Abstract (en)

[origin: EP0291714A2] Cylindrical or conical workpieces of a dia. varying along their length are produced by rolling the workpiece (14) between an outer ring (2) and an inner roller. The inner surface of the ring has circumferential grooves and ridges which are initially of zero depth or height and increase steadily to a max. The grooves and ridges are inclined to the end faces of the ring and correspond to the axial profile of the workpiece. The roller has similar grooves and ridges, but inclined to the roller end face in the opposite direction to the inclination of the ring grooves and ridges so that the two sets of grooves and ridges intersect each other at their points of contact with the workpiece.

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IPC 8 full level

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