

Title (en)

Method and apparatus for manufacturing a gearing element

Title (de)

Verfahren und Drückvorrichtung zur Herstellung eines Getriebeteiles

Title (fr)

Procédé et dispositif de fabrication d'un élément de transmission

Publication

EP 1163961 B2 20100303 (DE)

Application

EP 01102425 A 20010202

Priority

DE 10029005 A 20000613

Abstract (en)

[origin: DE10029005A1] The part is formed from a round blank, which is clamped in a tool and reduced in thickness by a pressure roller moving in a radial direction. The blank is clamped by pressing an edge section axially against the tool and simultaneous radial expansion of the blank against a ring-shaped axially projecting part of the tool. The blank is held non-positively and/or positively on the tool, by esp. a magnetic or vacuum clamping device until the clamping force is generated.

IPC 8 full level

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CPC (source: EP)

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Citation (opposition)

Opponent :

DE 19524089 C1 19960905 - WF MASCHINENBAU BLECHFORMTECH [DE]

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