

Title (en)

Method and device for manufacturing longitudinal grooves in cylindrical workpieces

Title (de)

Vorrichtung und Verfahren zur Herstellung von Längsnuten in zylindrischen Werkstücken

Title (fr)

Dispositif et procédé de fabrication de rainures longitudinales dans des pièces usinées cylindriques

Publication

EP 2165785 B1 20101201 (DE)

Application

EP 09011643 A 20090911

Priority

DE 102008047985 A 20080918

Abstract (en)

[origin: EP2165785A1] The device has a roller stamp (7) arranged at a lower end of an upper stamp (9), and carrying a cylindrical component (11). Multiple profile disks (4) are arranged opposite to a housing (25) for implementing shifting movement of the component in a radially inward direction. A movement guide is rotatably mounted on a housing-firm bearing shell (3). The disks are movably driven by piston rods (1, 2) that are arranged at a distance from each other. One of ends of the piston rods is held in a recess in the profile disk and other end of the rod is rotatably mounted over a bearing axis on the shell. An independent claim is also included for a method for producing longitudinal slots in a cylindrical workpiece.

IPC 8 full level

B21H 1/20 (2006.01); **B21H 7/18** (2006.01)

CPC (source: EP)

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EP 2165785 A1 20100324; **EP 2165785 B1 20101201**; AT E490038 T1 20101215; DE 102008047985 A1 20100325; DE 502009000217 D1 20110113

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