

Title (en)

PRECISION GUIDING DEVICE IN A MACHINE FOR MACHINING CYLINDRICAL PARTS

Title (de)

PRÄZISIONSFÜHRUNGSVORRICHTUNG IN EINER MASCHINE ZUM BEARBEITEN VON ZYLINDRISCHEN TEILEN

Title (fr)

DISPOSITIF DE GUIDAGE DE PRECISION DANS UNE MACHINE D'USINAGE DE PIECES CYLINDRIQUES

Publication

EP 2197624 A1 20100623 (FR)

Application

EP 08807473 A 20080828

Priority

- IB 2008053476 W 20080828
- EP 07115418 A 20070831
- EP 08807473 A 20080828

Abstract (en)

[origin: EP2030720A1] The device has a poppet mounted on a pedestal of a cylindrical part machining machine, and including a floating pin (6) connected by an end to a motor (5) driving in rotation. Another end of the pin is connected to a clamping collet (8) that radially holds elongated cylindrical parts, which are guided along an axle fixed in a guidance system. The pin is arranged in such a manner that the parts are rigidly coupled in rotation with the motor and are allowed to freely float with respect to the guidance system.

IPC 8 full level

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CPC (source: EP US)

B24B 3/247 (2013.01 - EP US); **B24B 41/061** (2013.01 - EP US); **B24B 41/066** (2013.01 - EP US); **Y10T 82/2508** (2015.01 - EP US)

Citation (search report)

See references of WO 2009027940A1

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Designated extension state (EPC)

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DOCDB simple family (publication)

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EP 07115418 A 20070831; CN 200880104596 A 20080828; EP 08807473 A 20080828; IB 2008053476 W 20080828; JP 2010522502 A 20080828; TW 97133223 A 20080829; US 73335308 A 20080828