

Title (en)

Rolling body guide with separate replaceable rolling body and holder section and roller tool with replacement method

Title (de)

Walzkörperführung mit separat austauschbarem Walzkörper sowie Aufnahmeabschnitt und Walzwerkzeug mit zugehörigem Austauschverfahren

Title (fr)

Guidage de corps de laminage doté d'un corps de laminage échangeable séparément ainsi que section de réception et outil de laminage doté d'un procédé d'échange associé

Publication

**EP 2359983 A3 20160406 (DE)**

Application

**EP 11000773 A 20110201**

Priority

DE 102010008693 A 20100219

Abstract (en)

[origin: EP2359983A2] The guide has two defined detachable accommodating sections (13) so as to realize a modular structure of the rolling body guide. The accommodating sections are attached at an accommodating section carrier in a defined and detachable manner. The accommodating sections are removed perpendicular and/or axially towards a rotation axis (34). The carrier comprises a bearing accommodation unit to accommodate the accommodating sections. The sections are arranged at distance from each other with respect to an accommodating circumference and comprise guides for a rolling body (10). Independent claims are also included for the following: (1) a rolling tool comprising a rolling body and a rolling body guide (2) a method for replacing a defect rolling body guide and/or defect rollers of a tool for final expanding or press-polishing of an inner surface or an outer surface of a tubular body.

IPC 8 full level

**B24B 39/00** (2006.01); **B24B 39/02** (2006.01); **B24B 39/04** (2006.01)

CPC (source: EP US)

**B24B 39/003** (2013.01 - EP US); **B24B 39/023** (2013.01 - EP US); **B24B 39/045** (2013.01 - EP US)

Citation (search report)

- [X] EP 1468783 A1 20041020 - LONERO VINCENT J [US]
- [X] DE 102004010468 B3 20050811 - HEGENSCHIEDT MFD GMBH & CO KG [DE]
- [AP] US 2010111460 A1 20100506 - ALBRECHT BERNHARD [DE], et al
- [A] US 5651438 A 19970729 - PAPANIA JAMES R [US]

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

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DOCDB simple family (application)

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