

Title (en)

DEVICE AND METHOD FOR FLOW-TURNING

Publication

**EP 0151976 A3 19851113 (DE)**

Application

**EP 85100675 A 19850123**

Priority

DE 3402301 A 19840124

Abstract (en)

[origin: EP0151976A2] At at least one of the metal-spinning rollers, the device has a measuring arrangement for determining the radial, axial and tangential force components acting on the metal-spinning roller. These force components or preferably their ratios to one another can serve as a criterion for the initial setting and/or continuous adjustment of the parameters to be maintained during flow-turning, in particular feed, speed of rotation, in-feed of the rollers, offset of the rollers. <IMAGE>

IPC 1-7

**B21D 22/16**

IPC 8 full level

**B21B 19/12** (2006.01); **B21B 37/78** (2006.01); **B21B 38/08** (2006.01); **B21D 22/14** (2006.01)

CPC (source: EP)

**B21B 19/12** (2013.01); **B21B 37/78** (2013.01); **B21B 38/08** (2013.01); **B21D 22/14** (2013.01)

Citation (search report)

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- [A] US 3834615 A 19740910 - WATANABE T, et al
- [A] DE 2106703 A1 19710916 - BOEING CO
- [Y] PATENT ABSTRACTS OF JAPAN, Band 7, Nr. 116, 20. Mai 1983, Seite (M-216)(1261); & JP-A-58 035 025 (TOKYO SHIBAURA) 01-03-1983
- [A] PATENT ABSTRACTS OF JAPAN, Band 6, Nr. 39, 10. März 1982, Seite (M-116)(917); & JP-A-56 154 227 (TOKYO SHIBAURA) 28-11-1981
- [A] PATENT ABSTRACTS OF JAPAN, Band 7, Nr. 25, 2. Februar 1983, Seite (M-190)(1170); & JP-A-57 181 728 (MATSUSHITA) 09-11-1982
- [A] INDUSTRIE-ANZEIGER, Band 95, Nr. 105, 14. Dezember 1973; G.PRITSCHOW "Ein Schnittkraftmesssystem für Produktionsdrehmaschinen", Seiten 2499-2450

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