

Title (en)

METHOD AND CASSETTE FOR ABRASIVE MACHINING OF THE SURFACE OF PARTS

Publication

EP 0383910 A4 19910417 (DE)

Application

EP 88904709 A 19880217

Priority

SU 8800039 W 19880217

Abstract (en)

[origin: WO8907508A1] Method of abrasive machining of the surface of parts (10) placed in the casing (4) involving creation of a pressure of the abrasive instrument (15) against the parts (10) being machined and bringing about their mutual movements while additionally providing for the permanent contact between the abrasive instrument (15) and the casing (4), and damping the latter's movements in the direction of the base (1), the maximum value of movements of the casing (4) in relation to the base being equal to or larger than the nominal thickness of the parts (10) being machined. A cassette for implementation of the method comprising a casing (4) with housings (9), and a base (1), between which is placed at least one, preliminarily compressed elastic element (5). The cassette is provided with limiters of movement of the casing (4) in the direction of release of the elastic element (5), the depth of the housings (9) being smaller than or equal to the value of equidistant elongation of the casing (4) from the plane of the base (1).

IPC 1-7

B24B 7/16; **B24B 11/00**; **B24B 37/04**

IPC 8 full level

B24B 7/16 (2006.01); **B24B 11/00** (2006.01); **B24B 13/005** (2006.01); **B24B 37/30** (2012.01)

CPC (source: EP)

B24B 7/16 (2013.01); **B24B 11/00** (2013.01); **B24B 37/30** (2013.01)

Citation (search report)

- [X] PATENT ABSTRACTS OF JAPAN vol. 3, no. 16 (M-48) 10 Februar 1979, & JP-A-53 140698 (HITACHI SEISAKUSHO K. K.) 7 Dezember 1978,
- [A] PATENT ABSTRACTS OF JAPAN vol. 9, no. 63 (M-365)(1786) 20 März 1985, & JP-A-59 196161 (TOUHOKU KINZOKU KOGYO K. K.) 7 November 1984,
- [A] SOVIET INVENTIONS ILLUSTRATED Derwent Publications Ltd., Section General Week E09, abstract number C4126, E/09 April 14, 1982 & SU-A-831 580 (GORKI POLY) May 23, 1981
- See references of WO 8907508A1

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Designated contracting state (EPC)

DE FR GB IT SE

DOCDB simple family (publication)

WO 8907508 A1 19890824; EP 0383910 A1 19900829; EP 0383910 A4 19910417; JP H02503174 A 19901004

DOCDB simple family (application)

SU 8800039 W 19880217; EP 88904709 A 19880217; JP 50420488 A 19880217