

Title (en)

Automatic belt-inserter device.

Title (de)

Automatische Riemen-Einsetzvorrichtung.

Title (fr)

Dispositif pour insérer une courroie automatiquement.

Publication

EP 0614727 A1 19940914 (EN)

Application

EP 93110253 A 19930628

Priority

IT VI930019 A 19930211

Abstract (en)

The invention discloses an automatic belt-inserting device for honing machines comprising a leading casing (2; 102; 302) for the sliding insertion of the belts (72; 201; 372) between the rotating cylinders (71; 171; 202) of a honing machine (7; 107) and a moving element (4; 104; 304) to which said leading casing (2; 102; 302), is hinged and able to slide along a driving unit (5; 105; 305) attached to a supporting structure (6; 106; 306). The belt-inserting device is provided with means for the displacement (42) of the moving element (4; 104; 304) along said driving units (5; 105; 305) and with means for the rotation (22) of said leading casing (2; 102; 302) around the hinging point (3), said means being suited to bring said leading casing (2; 102; 302) parallel with the external surface of the cylinder of the honing machine (71; 171) into which the belt (72; 201; 372) is to be inserted. <IMAGE>

IPC 1-7

B24B 57/00; B24B 21/18

IPC 8 full level

B24B 21/18 (2006.01)

CPC (source: EP)

B24B 21/18 (2013.01)

Citation (search report)

- [A] DE 3904704 C1 19900426
- [A] PATENT ABSTRACTS OF JAPAN vol. 11, no. 205 (M - 603)<2652> 3 July 1987 (1987-07-03)
- [A] PATENT ABSTRACTS OF JAPAN vol. 11, no. 388 (M - 652) 18 December 1987 (1987-12-18)

Cited by

JP2008044067A; EP0691179A3

Designated contracting state (EPC)

AT DE DK ES FR IT SE

DOCDB simple family (publication)

EP 0614727 A1 19940914; EP 0614727 B1 19960522; AT E138305 T1 19960615; DE 69302802 D1 19960627; DE 69302802 T2 19970123; IT VI930019 A0 19930211; IT VI930019 A1 19940811

DOCDB simple family (application)

EP 93110253 A 19930628; AT 93110253 T 19930628; DE 69302802 T 19930628; IT VI930019 A 19930211