

Title (en)
Head for polishing machine with oscillating sector holders.

Title (de)
Kopf für Poliermaschine mit oszillierenden Sektorträgern.

Title (fr)
Tête pour machine polisseuse avec des porte-secteurs oscillants.

Publication
EP 0571340 A1 19931124 (FR)

Application
EP 93830208 A 19930519

Priority
IT FI920112 A 19920522

Abstract (en)
Head for polishing machine with a vertical drive shaft (1) provided with a flange (2) for driving a casing (3) with several sector carriers (holders) (12) wedged onto horizontal shafts (9), in which head a first toothed wheel (4) is wedged onto the drive shaft (1) and a second toothed wheel (5) is mounted freely on this same shaft, below the first one, and which is integral with an annular cam (6) with a groove (7), a ring (14) with internal toothing, mounted freely and eccentrically with respect to the shaft (1) engaging with the said toothed wheels (4,5); in which head the shaft (9) of each sector carrier (12) is provided with a first vertical stud (15) carrying a roller (8) which is guided in the groove (7) of the said cam (6), and with a second stud (11) which is transverse with respect to the shaft (9) and extends beyond it; and in which head a ring (10) is mounted on the shaft (9) of each sector carrier (12), which ring is provided with two slits (17) with a helical track for guiding the ends of the corresponding stud (11) so that each sector carrier (12) is subjected to a reciprocating movement along its own axis (90) and, at the same time, to an oscillatory movement about the said axis (90). <IMAGE>

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IPC 8 full level
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CPC (source: EP)
B24B 41/0475 (2013.01)

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• [A] EP 0437831 A1 19910724 - BREMA SRL [IT]
• [AP] DE 4209273 A1 19920924 - TONCELLI LUCA [IT]
• [A] DE 8808679 U1 19881117
• [A] PATENT ABSTRACTS OF JAPAN vol. 6, no. 224 (M-170)(1102) 9 Novembre 1982 & JP-A-57 127 657 (YAMANA SEISAKUSHO K.K.) 7 Août 1982

Cited by
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