

Title (en)

Polishing head, particularly for slabs of marble, granite, porcelainized gres, and other stone materials

Title (de)

Polierkopf, insbesondere für Marmorplatten, Granit, Keramik, und anderes Gestein

Title (fr)

Tête de polissage, en particulier pour plaques de marbre, granit, céramique, et autres matériaux pierreux

Publication

EP 0667210 B1 20000419 (EN)

Application

EP 95100598 A 19950118

Priority

IT VI940017 A 19940209

Abstract (en)

[origin: EP0667210A1] A polishing head for marble, granite, porcelainized gres, and other stone materials, includes a main shaft (3) which is rotatably mounted on a stationary support (4) and is coupled to an external motor. A casing (2) which is keyed to the lower end of the main shaft (3) and a series of secondary shafts (5) which are arranged within the casing (2) and have external ends provided with abrasive tools (8). The head includes a cam-based movement means (13, 13'; 16, 16') which is connected to the secondary shafts (7) and a transmission means (18, 20) which is interposed between the stationary support (4) and the movement means (13, 13'; 16, 16') and is constituted by at least one worm screw/helical gear coupling (18, 20) wherein the worm screw (18) is fixed to the stationary support (4) and the helical gear is rotatably mounted on the casing (2). The cam-based movement means includes at least one intermediate shaft (14) on which a first cam (13) is keyed. The first cam (13) is suitable to cooperate with a roller which is mounted at the end of a radial arm (17) that is rigidly coupled to one of the secondary shafts (7). <IMAGE>

IPC 1-7 (main, further and additional classification)

B24B 41/047

IPC 8 full level (invention and additional information)

B24B 41/047 (2006.01)

CPC (invention and additional information)

B24B 41/0475 (2013.01)

Cited by

DE102012105610A1; ITFI20120227A1; EP0908271A3; DE102012105610B4; WO2010119466A1; WO2006000542A1

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