

Title (en)

Improved lapping head for rocky materials, particularly for granite slabs.

Title (de)

Läppkopf für Stein, insbesondere für Granitplatten.

Title (fr)

Tête de rodage pour des matériaux en pierre, en particulier pour des plaques en granit.

Publication

EP 0657248 A1 19950614 (EN)

Application

EP 94119192 A 19941206

Priority

IT VI930195 A 19931207

Abstract (en)

The invention discloses a lapping head comprising a casing (22), supporting a plurality of lapping wheels (124; 224), supported by a central shaft (2) connected with a driving element (50) and containing bevel pinions (13) caused to rotate by kinematic elements. Each of said lapping wheels (124) is attached to the end (123) of a pivot (122), eccentrically connected in the hole (16) of one of said bevel pinions (13), provided with a spheric body (125) suited to allow, during the rotating motion the rotation of said lapping head, a conic motion of revolution of the longitudinal axis (129) of said pivot (122) and of the lapping wheel attached to it in relation to the longitudinal axis of the corresponding bevel pinion (13), and a simultaneous motion of revolution of said lapping wheel in relation to the axis of rotation (100) of the lapping head itself. <IMAGE>

IPC 1-7

B24B 41/047

IPC 8 full level

B24B 41/047 (2006.01)

CPC (source: EP)

B24B 41/047 (2013.01)

Citation (search report)

- [A] EP 0437831 A1 19910724 - BREMA SRL [IT]
- [A] DE 680641 C 19390902 - MARBRIERE DE PARIS SA SOC

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EP1046463A3; EP0920957A1; ITFI20080126A1; CN102950542A; WO2009090551A1; WO2010004374A1; WO2010106389A1

Designated contracting state (EPC)

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