

Title (en)

Lapping head with floating grinders for rocky materials, particularly for granite slabs.

Title (de)

Polierkopf mit schwingenden Schleifsteinen zum Bearbeiten von Steinmaterialien, insbesondere von Granitplatten.

Title (fr)

Tête de polissage à patins oscillants pour le travail de la pierre, en particulier pour des plaques en granit.

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Application

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Priority

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Abstract (en)

The invention discloses a lapping head with floating grinders consisting of a body (20) within which is attached a ring-gear (7) with inner cogs engaging a pinion gear (6) coupled with a central eccentric collar (10), which in turn is co-axially coupled with a vertical shaft (2) attached to the body (20). The central eccentric collar (10) co-operates through a cylinder-shaped collar (11) and through mechanical connecting means (8,9,16,17) both with planetary eccentric collars (13) attached to the body (20), and with each shaft (18) attached to the support (19) holding each grinder (40), wherein the floating motion of each grinder occurs when the vertical shaft (2) rotates, thereby bringing the body (20) of the lapping head to which it is attached into rotation. <IMAGE>

IPC 1-7

B24B 41/047

IPC 8 full level

B24B 41/047 (2006.01)

CPC (source: EP)

B24B 41/0475 (2013.01)

Citation (search report)

- [A] DE 8808679 U1 19881117
- [A] BE 420909 A 19370531
- [A] EP 0046604 A1 19820303 - PACINI ERMANNO

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