

Title (en)
Improvements to a lapping and polishing head for granites and similar stones

Title (de)
Ein Lapp- und Polierkopf für Granit und ähnliches Gestein

Title (fr)
Tête à faire le lapping et le polissage pour granit et des roches semblables

Publication
EP 0649706 B1 19990120 (EN)

Application
EP 94202683 A 19940917

Priority
IT PD930186 A 19930922

Abstract (en)
[origin: EP0649706A1] In a rotary lapping and polishing head (110, 210), of the type comprising grinding segments (32) operating tangentially and oscillating about axes arranged radially with respect to the axis of rotation of the said head (110, 210), the head being used for the processing of slabs or panels consisting of hard stone, such as granites and similar ceramic materials, use is made of means capable of compensating the variation in the mutual position of the grinding segments (32) so as to reduce imbalances associated with centrifugal forces applied to the said grinding segments (32) as a result of the variation in their mutual position. For a first partial compensation, use is made of an equal number of grinding segments (32) moved in pairs in mutually opposite directions, while for a second substantially total compensation use is made of grinding elements (32) moved in threes also in mutually opposite directions. <IMAGE>

IPC 1-7
B24B 41/047

IPC 8 full level
B24B 41/047 (2006.01)

CPC (source: EP)
B24B 41/0475 (2013.01)

Cited by
CN103331679A; ITFI20120227A1; ES2304865A1; EP0888848A1; CN102649252A; ITTV20110026A1; WO2006000542A1

Designated contracting state (EPC)
DE FR

DOCDB simple family (publication)
EP 0649706 A1 19950426; EP 0649706 B1 19990120; DE 69416076 D1 19990304; DE 69416076 T2 19990602; IT 1263400 B 19960805; IT PD930186 A0 19930922; IT PD930186 A1 19950322

DOCDB simple family (application)
EP 94202683 A 19940917; DE 69416076 T 19940917; IT PD930186 A 19930922