

Title (en)

Apparatus for surfacing hard materials

Title (de)

Vorrichtung für Flächenbearbeitung von harten Materialien

Title (fr)

Dispositif de surfaçage pour matériaux durs

Publication

EP 0941807 A1 19990915 (EN)

Application

EP 98104426 A 19980312

Priority

EP 98104426 A 19980312

Abstract (en)

Apparatus (A) for surfacing and polishing stone, marbles and other hard materials in the form of blocks, plates or sheets. The apparatus comprises a mechanism for causing a rubbing or grinding block (1), retained in a socket (11) on an arm (18), to execute a combination of rotative and oscillating movement along a surface to be treated, each arm (18) carrying at least one treatment block (1) each. Each block (1) makes a constantly translating parallel self cleansing line contact with said surface to be treated for performing a rubbing or grinding action thereon. The socket (11) is so mounted, that tangential and radial forces carried over from the grinding blocks (1) into said socket (11), are uniformly translated from the same into each arm (18). Said forces are there uniformly absorbed by at least dual and at least partly cylindrical reaction elements (16a, 16b) on said arms during said rotating and oscillating movement of each said grinding block. <IMAGE>

IPC 1-7

B24B 41/047

IPC 8 full level

B24B 7/22 (2006.01); **B24B 41/047** (2006.01)

CPC (source: EP)

B24B 7/22 (2013.01); **B24B 41/0475** (2013.01)

Citation (search report)

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CN115401593A

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0941807 A1 19990915

DOCDB simple family (application)

EP 98104426 A 19980312