

Title (en)
AUTOMATIC SMOOTHING AND POLISHING SYSTEM FOR PLATES AND BLOCKS MADE OF MARBLE, GRANITE AND STONE IN GENERAL

Title (de)
AUTOMATISCHE VORRICHTUNG ZUM GLÄTTEN UND POLIEREN VON PLATTEN UND BLÖCKEN AUS MARMOR, GRANIT, STEIN UND DERGLEICHEN

Title (fr)
SYSTEME DE LISSAGE ET DE POLISSAGE AUTOMATIQUE DE PLAQUES ET DE BLOCS GENERALEMENT EN MARBRE, EN GRANIT, OU EN PIERRE

Publication
EP 1177070 B1 20021106 (EN)

Application
EP 00911260 A 20000314

Priority
• IT 0000082 W 20000314
• IT BG990017 A 19990318

Abstract (en)
[origin: WO0054932A1] Automatic smoothing and polishing system for plates and blocks, generally of large sizes, made of marble, granite and plate in general, wherein during the translation of plates or blocks arranged along a conveyor belt (2), at least two rows of tool-holder heads (18) are made simultaneously interact so that the plates are worked along longitudinal portions to the advancement motion thereof. The tool-holder heads (8) arranged at the same height with respect to the plate advancement direction are provided with the same abrasive grain; moreover, the heads are made reciprocally integral by means of a carriage (6) provided with oscillating motion that is independent and transverse with respect to the advancement motion of the plates to be abraded.

IPC 1-7
B24B 7/22; B24B 7/06

IPC 8 full level
B24B 7/06 (2006.01); **B24B 7/22** (2006.01)

CPC (source: EP)
B24B 7/06 (2013.01); **B24B 7/224** (2013.01)

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 0054932 A1 20000921; AT E227191 T1 20021115; AU 3324200 A 20001004; DE 60000738 D1 20021212; DE 60000738 T2 20030731;
EP 1177070 A1 20020206; EP 1177070 B1 20021106; IT 1309478 B1 20020123; IT BG990017 A1 20000918

DOCDB simple family (application)
IT 0000082 W 20000314; AT 00911260 T 20000314; AU 3324200 A 20000314; DE 60000738 T 20000314; EP 00911260 A 20000314;
IT BG990017 A 19990318