

Title (en)

Calibrating-polishing system for surfaces of stone material with reduced emission of noises

Title (de)

Einstell-/Poliersystem für Oberflächen von Steinmaterial mit verringerter Lärmemission

Title (fr)

Système d'étalonnage-polissage pour surface de matériau en pierre avec une réduction de l'émission des bruits

Publication

EP 2322320 A1 20110518 (EN)

Application

EP 09425466 A 20091117

Priority

EP 09425466 A 20091117

Abstract (en)

A calibrating-polishing system (1) is described, for slabs (3) made of stone material, in particular slabs made of natural stone, of the type comprising a series of tool-holder heads (P1, P2) arranged so that the slab (3) is subjected to a mechanical action due to tools with progressively decreasing dimensional grain, starting the contact with tools having super-coarse grain, and being subjected in a sequence to the action of tools with all intermediate grains, ending the contact with the tools having super-fine grain; the system is adapted to perform a calibration of the slab (3) by means of a combination of a linear advancing motion of the slab (3) with a continuous transverse motion of a tool so that the contact between the slab (3) and the tool occurs simultaneously in many points arranged along the whole side which is transverse to the advancement direction of the slab (3).

IPC 8 full level

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

CPC (source: EP)

B24B 7/22 (2013.01); **B24B 7/224** (2013.01); **B24B 41/047** (2013.01); **B24B 41/0475** (2013.01)

Citation (search report)

- [Y] WO 2005087470 A1 20050922 - PEDRINI LUIGI [IT]
- [Y] EP 0236865 A2 19870916 - MARMOTECNICA SRL [IT]
- [Y] US 3545140 A 19701208 - JONES CORDIS W
- [Y] EP 0571340 A1 19931124 - COMES SRL [IT]
- [A] US 4765097 A 19880823 - HALLEZ CHARLES P [BE]

Citation (examination)

WO 2010136057 A1 20101202 - MBD S R L [IT], et al

Cited by

WO2013150428A1; CN105252366A; CN110087829A; CN105150067A; ITTV20120052A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2322320 A1 20110518

DOCDB simple family (application)

EP 09425466 A 20091117