

Title (en)

Electric cutting machine for tiles and stone material

Title (de)

Elektrische Schneidemaschine für Fliesen und Steinmaterial

Title (fr)

Machine de découpe électrique pour tuiles et matériaux en pierre

Publication

EP 2133185 A1 20091216 (EN)

Application

EP 09155050 A 20090312

Priority

IT MI20080191 U 20080613

Abstract (en)

An electric cutter for tiles and stone slabs is disclosed, of the type comprising a base (2) above which a circular blade (L) is longitudinally slidable, driven into rotation by a respective electric motor, the cutting edge of the circular blade (L) being able to drop as low as a cutting plane arranged at a lower level than the support plane of said base, a reference square (5) being further provided which consists of a support body (10), having seagull-winged plates (12a, 12b) lying on a same rotation plane, and of a pair of reference bars (21, 22) arranged aligned on the plates on both sides of pivoting means (11), the square being mounted pivoting so as to keep a centre of rotation (R) on the cutting line, the pivoting means (11) below the cutting plane and the plane of rotation of the lateral plates (12a, 12b) above the support plane of the base (2).

IPC 8 full level

B28D 7/04 (2006.01); **B28D 1/04** (2006.01)

CPC (source: EP)

B28D 1/044 (2013.01); **B28D 7/043** (2013.01)

Citation (applicant)

IT 1278283 B1 19971117 - SIGMA DI EVARISTO AMBROGIANI & [IT]

Citation (search report)

- [A] DE 7441748 U 19750522
- [A] DE 20202397 U1 20020711 - LUTZ MASCH & GERAETEBAU [DE]
- [A] WO 2004030883 A1 20040415 - MONTOLIT BREVETTI [IT], et al

Cited by

EP2954993A1; ES2553839A1; CN105269704A; CN107405788A; EP3272487A4

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 TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2133185 A1 20091216; **EP 2133185 B1 20150225**; ES 2535402 T3 20150511; IT MI20080191 U1 20091213

DOCDB simple family (application)

EP 09155050 A 20090312; ES 09155050 T 20090312; IT MI20080191 U 20080613