

Title (en)

PERFORATED SAW FOR CUTTING MARBLE, GRANITE AND OTHER ANALOGOUS STONES WITH THE AID OF A GRANULATED CUTTING SUBSTANCE

Publication

EP 0141456 A3 19860226 (FR)

Application

EP 84201407 A 19841003

Priority

IT 8563483 A 19831010

Abstract (en)

[origin: EP0141456A2] The marble or granite surface is shaped by a reciprocating tool with a blade (2) having inclined slots (4,5). The slots extend inwards from the working edge of the tool with alternate slots sloping in opposite directions. A layer of abrasive particles is placed between the reciprocating blade and the marble surface. As the blade moves in one direction the grains are forced up those slots which slope downwards in the direction of motion and slide down those slots sloping upwards in the direction of motion. When the tool direction is reversed the direction of flow of the grains in each slot is reversed.

IPC 1-7

B28D 1/12

IPC 8 full level

B23D 61/12 (2006.01); **B28D 1/12** (2006.01)

CPC (source: EP)

B23D 61/123 (2013.01); **B28D 1/127** (2013.01)

Citation (search report)

- [X] DE 65385 C
- [A] CH 141107 A 19300715 - HEBER FRIEDRICH [DE]

Cited by

EP2110194A3; GB2439291A; WO2009124415A1; WO2013026593A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0141456 A2 19850515; **EP 0141456 A3 19860226**; ES 281892 U 19850501; ES 281892 Y 19851201; IT 1175243 B 19870701; IT 8385634 A0 19831010; PT 79330 A 19841101; PT 79330 B 19860819

DOCDB simple family (application)

EP 84201407 A 19841003; ES 281892 U 19841009; IT 8563483 A 19831010; PT 7933084 A 19841009