

Title (en)

Laser treatment method of the surface of granite slabs or similar

Title (de)

Laserbehandlungsverfahren für die Oberfläche von Granitplatten oder dergleichen

Title (fr)

Procédé de traitement au laser pour le surface des plaques en granit ou similaires

Publication

**EP 1273410 A1 20030108 (EN)**

Application

**EP 02380152 A 20020705**

Priority

ES 200101590 A 20010706

Abstract (en)

The method is conceived for superficially treating granite slabs or pieces, being based on a laser beam irradiation for obtaining a rough or bushhammered surface of the granite slab. The method is flexible in its application, permitting obtaining different types of surfacings on the same granite piece without needing to change the equipment or tool, it only being necessary to modify the processing parameters. The method involves a significant improvement compared to the traditional methods, such as the mechanical bushhammering, considerably reducing the noise produced by the process and the treatment or bushhammering of thinner granite slabs being possible. The granite slabs treated by means of the method can be used in both sidings of buildings and in pavements, and as a decorative piece in general.

IPC 1-7

**B28D 1/00**; C04B 41/00

IPC 8 full level

**B28D 1/22** (2006.01); **B28D 1/00** (2006.01)

CPC (source: EP)

**B28D 1/00** (2013.01); **B28D 1/006** (2013.01); **B28D 1/221** (2013.01)

Citation (search report)

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FR2920108A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

**EP 1273410 A1 20030108**; **EP 1273410 B1 20130123**; ES 2180450 A1 20030201; ES 2180450 B1 20041016; PT 1273410 E 20130426

DOCDB simple family (application)

**EP 02380152 A 20020705**; ES 200101590 A 20010706; PT 02380152 T 20020705