

Title (en)

Multiple discs machine for cutting granite blocks, hard stone and stone slabs in general and relative plant

Title (de)

Mehrblattschneidmaschine für das Schneiden von Granitblöcken oder dergleichen und Anlage

Title (fr)

Machine de découpage à plusieurs lames de coupe pour couper des blocs de granit ou similaires et installation

Publication

EP 0686466 B1 20020619 (EN)

Application

EP 95102804 A 19950227

Priority

IT MO940036 A 19940317

Abstract (en)

[origin: EP0686466A2] The machine is equipped with a trolley (6), mobile with reciprocating motion on a bridge (5), carrying a horizontal shaft (A) with a cluster of diamond cutting disks (7) for vertical cutting, arranged with progressively increasing diameters from the smallest (8) to the largest (9); a second vertical shaft (B) is mounted on the said trolley and is equipped with a group (10) of disks cutting horizontally in the same plane slabs or offcuts, cut simultaneously from the block (1) by the said cluster and group during the working runs. The blocks are handled on carriages (2) which in turn are anchored under the machine with clamps, tie rods and plinths. The plant includes at least one facing machine (3) and one block cutting machine (36) with separate access points and division of the enclosures with soundproofing. <MATH>

IPC 1-7

B28D 1/00; **B28D 1/04**

IPC 8 full level

B28D 1/00 (2006.01); **B28D 1/04** (2006.01)

CPC (source: EP)

B28D 1/003 (2013.01); **B28D 1/043** (2013.01); **B28D 1/046** (2013.01); **B28D 1/048** (2013.01)

Cited by

CN102133771A; CN113232170A; CN1301838C; EP0836920A1; GB2430397A; CN103144210A; GR1003669B; IT202100023249A1; WO2007129996A1; WO2023037230A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI NL PT SE

DOCDB simple family (publication)

EP 0686466 A2 19951213; **EP 0686466 A3 19960228**; **EP 0686466 B1 20020619**; AT E219415 T1 20020715; DE 69527118 D1 20020725; IT 1268914 B1 19970313; IT MO940036 A0 19940317; IT MO940036 A1 19950917

DOCDB simple family (application)

EP 95102804 A 19950227; AT 95102804 T 19950227; DE 69527118 T 19950227; IT MO940036 A 19940317