

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

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