

Title (en)

Diamond cutting blades and discs

Title (de)

Diamant Trennblätter und -Scheiben

Title (fr)

Lames et disques diamantés de tronçonnage

Publication

**EP 1690634 A3 20070103 (EN)**

Application

**EP 06001486 A 20060125**

Priority

IT VI20050036 A 20050210

Abstract (en)

[origin: EP1690634A2] The finding regards diamond cutting blades and discs, to be employed in the field of working stone such as granite, marble, limestone, basalt, lava stone, tufa, slate, sandstone, travertine and the like; the cutting of these materials occurs by means of the diamond tools (1) which, with the rubbing on the stone and due to abrasion, realises the required cut. Such blades and discs are characterised in that the diamond segments (3) composing the so-called "teeth" are attached in removable manner on the support (2), whether this is composed of a laminar body or a steel disc.

IPC 8 full level

**B24D 7/06** (2006.01); **B24D 5/06** (2006.01); **B28D 1/12** (2006.01)

CPC (source: EP)

**B24D 5/06** (2013.01); **B24D 7/066** (2013.01); **B28D 1/122** (2013.01); **B28D 1/128** (2013.01)

Citation (search report)

- [X] IT 1247164 B 19941212 - SIMEC SPA
- [X] FR 1026618 A 19530429
- [X] FR 1093114 A 19550502
- [X] JP S5894914 A 19830606 - OISHI ENGINEERING KK

Cited by

CN102574227A; CN106695579A; WO2011005153A1; US9403289B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

**EP 1690634 A2 20060816; EP 1690634 A3 20070103; IT VI20050036 A1 20060811**

DOCDB simple family (application)

**EP 06001486 A 20060125; IT VI20050036 A 20050210**