

Title (en)

Method of and apparatus for cutting stone panels.

Title (de)

Verfahren und Vorrichtung zum Schneiden von Platten aus Stein.

Title (fr)

Procédé et dispositif pour découper des panneaux de pierre.

Publication

**EP 0019419 A1 19801126 (EN)**

Application

**EP 80301502 A 19800508**

Priority

IE 40279 A 19790509

Abstract (en)

The method comprises bonding a backing layer to the opposed faces of a slab (29) of stone, supporting the slab (29) with backing layers attached, in an upward position on its edge cutting the slab (29) along a cutting plane parallel to and midway between the opposed faces of the slab to a depth which is about half the depth of the slab, tumbling the slab (29) on to its opposite longitudinal edge, and cutting through the remainder of the depth of the slab to leave a lamina of stone adhered to each backing layer. Apparatus for carrying out the aforesaid method comprises a saw (1) having two disc blades (3,4), a bogie (7) movable beneath the saw and having a pair of vacuum-operated slab-gripping devices (14) each of which is adapted to support a slab (29) upwardly on its edge, and a second bogie movable in a direction transverse to the first bogie (7) and carrying means for tumbling a slab (29) supported on one longitudinal edge, through 180 DEG , so that it rests on its opposite longitudinal edge.

IPC 1-7

**B28D 1/04**

IPC 8 full level

**B28D 1/00** (2006.01); **B28D 1/04** (2006.01); **B28D 1/22** (2006.01); **B28D 7/04** (2006.01)

CPC (source: EP)

**B28D 1/005** (2013.01); **B28D 1/04** (2013.01); **B28D 1/048** (2013.01); **B28D 7/04** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

AT BE CH DE FR GB IT LU NL SE

DOCDB simple family (publication)

**EP 0019419 A1 19801126**; **EP 0019419 B1 19831012**; AT E4970 T1 19831015; DE 3065254 D1 19831117; ES 491298 A0 19810216; ES 8102497 A2 19810216; GR 67997 B 19811026; IE 49726 B1 19851211; IE 790402 L 19801109; JP S568217 A 19810128; JP S631164 B2 19880111; PT 71190 A 19800601; ZA 802770 B 19810527

DOCDB simple family (application)

**EP 80301502 A 19800508**; AT 80301502 T 19800508; DE 3065254 T 19800508; ES 49129880 A 19800508; GR 800161851 A 19800503; IE 40279 A 19790509; JP 5855880 A 19800501; PT 7119080 A 19800506; ZA 802770 A 19800508