

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

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Citation (search report)

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