

Title (en)  
Machine for sawing stone blocks.

Title (de)  
Maschine zum Sägen von Steinblöcken.

Title (fr)  
Machine pour le sciage de blocs de pierre.

Publication  
**EP 0069106 A1 19830105 (FR)**

Application  
**EP 82870034 A 19820618**

Priority  
FR 8112132 A 19810619

Abstract (en)  
[origin: US4474164A] Machine for stone blocks' sawing. The sawing machine includes a frame mounted in order to pivot around a horizontal axis (6) and wearing two saw blades (8) on each side of this frame, the cutting edge of the blades (8) having an arc shape which center coincides with this horizontal axis (6). Means are provided to animate the frame with an oscillating movement around this horizontal axis (6) and to have a forward movement horizontally of the stone blocks (23) in direction of the saw blades (8). The machine is used for cutting particularly hard stone blocks in slabs (FIG. 1).

Abstract (fr)  
La machine de sciage comprend un châssis monté à pivotement autour d'un axe horizontal (6) et portant deux lames de scie (8) disposées de part et d'autre du châssis, le fil des lames de scie (8) ayant une forme en arc de cercle dont le centre coïncide avec le dit axe horizontal (6). Des moyens sont prévus pour animer le châssis d'un mouvement oscillant autour du dit axe horizontal (6) et pour faire avancer horizontalement des blocs de pierre (23) en direction des lames de scie (8).

IPC 1-7  
**B28D 1/06**

IPC 8 full level  
**B28D 1/06** (2006.01)

CPC (source: EP US)  
**B28D 1/066** (2013.01 - EP US)

Citation (search report)

- [X] FR 1196676 A 19591125 - HYRESGAESTERNAS SPARKASSE OCH
- [X] FR 2217135 A1 19740906 - SPIELVOGEL ERNST [DE]
- [X] GB 1227100 A 19710331

Cited by  
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DOCDB simple family (publication)  
**EP 0069106 A1 19830105; EP 0069106 B1 19841121**; AT E10347 T1 19841215; DE 3261286 D1 19850103; FR 2507951 A1 19821224; FR 2507951 B1 19840914; IN 158486 B 19861122; US 4474164 A 19841002; ZA 823647 B 19830330

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**EP 82870034 A 19820618**; AT 82870034 T 19820618; DE 3261286 T 19820618; FR 8112132 A 19810619; IN 402DE1982 A 19820527; US 38805082 A 19820614; ZA 823647 A 19820526