

Title (en)  
STIFFENED OSCILLATING FRAME SAW FOR CUTTING STONE BLOCKS

Title (de)  
VERSTEIFTE PENDELGATTERSÄGE ZUM ERLEGEN VON STEINBLÖCKEN

Title (fr)  
SCIE A CADRE OSCILLANT RENFORCE DESTINE A DECOUPER DES BLOCS DE PIERRE

Publication  
**EP 1011943 A1 20000628 (EN)**

Application  
**EP 98919461 A 19980421**

Priority  
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• IT MO970075 A 19970424  
• IT MO970076 A 19970424

Abstract (en)  
[origin: WO9847680A1] The oscillating frame comprises a blade-holder frame (1) made to oscillate over the block (3) being machined by means of arms suspended on cursors (16) which slide in guides (18) in the columns (8) of the machine, a mechanism (2) to transmit reciprocating motion to the said frame (1), fixed cross-beams (9) to stiffen the columns, it presents a cross-beam (15, 27) joining the said cursors (16, 21, 26) and which is vertically mobile with them. In some versions, moreover, it presents: side members (60, 69, 84) for stiffening and joining the cursors (55, 65) or support structures (64, 67, 82) for the said suspension arms, which move vertically with them.

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

IPC 8 full level  
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**B28D 1/068** (2013.01)

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