

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 B1 20040630 (EN)**

Application

**EP 98919461 A 19980421**

Priority

- IT 9800093 W 19980421
- 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

**B28D 1/06** (2006.01)

CPC (source: EP)

**B28D 1/068** (2013.01)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**WO 9847680 A1 19981029**; AT E270175 T1 20040715; BR 9808694 A 20001003; DE 69824864 D1 20040805; DE 69824864 T2 20050811; EP 1011943 A1 20000628; EP 1011943 B1 20040630; ES 2222585 T3 20050201; PT 1011943 E 20040930

DOCDB simple family (application)

**IT 9800093 W 19980421**; AT 98919461 T 19980421; BR 9808694 A 19980421; DE 69824864 T 19980421; EP 98919461 A 19980421; ES 98919461 T 19980421; PT 98919461 T 19980421