

Title (en)

CUTTING MACHINE FOR CUTTING BLOCKS OF MATERIAL

Title (de)

SCHNEIDEMASCHINE ZUM SCHNEIDEN VON MATERIALBLÖCKEN

Title (fr)

MACHINE DE COUPE POUR DÉCOUPER DES BLOCS DE MATÉRIAUX

Publication

EP 2207653 A1 20100721 (DE)

Application

EP 08837637 A 20081010

Priority

- EP 2008063643 W 20081010
- DE 102007049156 A 20071013

Abstract (en)

[origin: US2010212465A1] The cutting machine comprises a horizontal knife (17) for cutting a block (40) into plates (41). To allow for removal of a stack of plates (42) before the whole block (40) has been cut, a removal means comprising a removal conveyor (32) is provided. After completion of the last cut, the knife (17), after reversal of its cutting edge, will be entered into the cutting gap (43) again and be lifted, thus allowing a separating member (34) of the removal conveyor (32) to enter the resultant gap (44). By driving the conveyor belt (12), the stack of plates (42) is transferred onto the removal conveyor (32).

IPC 8 full level

B26D 7/06 (2006.01); **B26F 1/38** (2006.01)

CPC (source: EP US)

B26D 7/0625 (2013.01 - EP US); **B26F 1/3833** (2013.01 - EP US); **Y10T 83/0448** (2015.04 - EP US); **Y10T 83/2194** (2015.04 - EP US);
Y10T 83/707 (2015.04 - EP US); **Y10T 83/7108** (2015.04 - EP US)

Citation (search report)

See references of WO 2009047337A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

US 2010212465 A1 20100826; US 8650999 B2 20140218; AT E515381 T1 20110715; AU 2008309576 A1 20090416;
AU 2008309576 B2 20140904; CN 101821064 A 20100901; CN 101821064 B 20111102; DE 102007049156 A1 20090416;
DK 2207653 T3 20110926; EP 2207653 A1 20100721; EP 2207653 B1 20110706; ES 2367679 T3 20111107; TW 200927407 A 20090701;
TW I412445 B 20131021; WO 2009047337 A1 20090416

DOCDB simple family (application)

US 68277308 A 20081010; AT 08837637 T 20081010; AU 2008309576 A 20081010; CN 200880111386 A 20081010;
DE 102007049156 A 20071013; DK 08837637 T 20081010; EP 08837637 A 20081010; EP 2008063643 W 20081010; ES 08837637 T 20081010;
TW 97138894 A 20081009