

Title (en)

Cutting device for cutting insulating plates

Title (de)

Vorrichtung zum Schneiden von Wärmedämmplatten

Title (fr)

Dispositif de coupe pour découper des plaques isolantes

Publication

EP 1537965 B1 20070307 (DE)

Application

EP 04450224 A 20041203

Priority

AT 8762003 U 20031205

Abstract (en)

[origin: EP1537965A1] The cutter has a cutting wire moved by a pivoted arm (2). It is constructed so that a bracket extending across the support for the panels is not required. The wire is tensioned between two connected parallel moveable arms. The arm ends away from the wire tension points (6) slide in a guide track (3), and a guide arm (4) is held pivoted at the end of the track. The wire is a tensioned and heated by a low voltage source. Alternatively, the wire is a saw wire with a drive to move it between the tension points and along the arms, which are connected by a shaft. The arms are held in a frame (1) with support table (10) having a pivoted stop rail for the panels.

IPC 8 full level

B26D 1/00 (2006.01); **B26D 1/547** (2006.01); **B26F 3/12** (2006.01); **B26D 5/10** (2006.01)

CPC (source: EP)

B26D 1/547 (2013.01); **B26D 3/006** (2013.01); **B26D 3/008** (2013.01); **B26F 3/12** (2013.01); **B26D 5/10** (2013.01)

Cited by

DE102012201138A1; DE102011119400A1; DE102011119400B4; DE102012201138B4

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1537965 A1 20050608; **EP 1537965 B1 20070307**; AT 7469 U1 20050425; AT E355940 T1 20070315; DE 502004003116 D1 20070419; SI 1537965 T1 20070831

DOCDB simple family (application)

EP 04450224 A 20041203; AT 04450224 T 20041203; AT 8762003 U 20031205; DE 502004003116 T 20041203; SI 200430314 T 20041203