

Title (en)

Device and method for cutting sheet-like or strip-like tissue or non-woven fabric material which allows air to penetrate

Title (de)

Vorrichtung und Verfahren zum Schneiden von bahn- oder bogenförmigem, für Luft durchlässigem Gewebe- oder Vliesmaterial

Title (fr)

Dispositif et procédé de coupe de matériau en tissu ou en non-tissé en forme de bande ou d'arc et laissant passer l'air

Publication

EP 2246160 B1 20120926 (DE)

Application

EP 10004414 A 20100427

Priority

DE 102009019740 A 20090502

Abstract (en)

[origin: EP2246160A1] The apparatus has a cutter head (22) carrying an ultrasound-cutting knife (24). The cutter head is movable at a constant distance from a material support in a direction of an X-axis and a Y-axis of an orthogonal coordinate system over a web (12) of a glass fiber fabric or a glass fiber fleece resting on the material support. A hold-down device holds the web in direct vicinity of the knife against the material support. The cutter head is movable in a direction of the Y-axis relative to the hold-down device, where the knife is movable along the hold-down device. An independent claim is also included for a method for cutting glass or carbon fiber textile web into elongated blanks.

IPC 8 full level

B26D 1/04 (2006.01); **B26D 5/20** (2006.01); **B26D 5/42** (2006.01); **B26D 7/01** (2006.01); **B26D 7/08** (2006.01)

CPC (source: EP)

B26D 1/04 (2013.01); **B26D 5/20** (2013.01); **B26D 5/42** (2013.01); **B26D 7/015** (2013.01); **B26D 7/018** (2013.01); **B26D 7/086** (2013.01)

Cited by

DE102012207643A1; KR20190125675A; CN104372710A; CN107724055A; CN107447488A; EP2786848A1; CN107675475A; CN114351438A; DE102015116302A1; DE102013002884A1

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 MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

EP 2246160 A1 20101103; EP 2246160 B1 20120926; DK 2246160 T3 20130102; ES 2395504 T3 20130213

DOCDB simple family (application)

EP 10004414 A 20100427; DK 10004414 T 20100427; ES 10004414 T 20100427