Title (en)

Roll cutting apparatus for sheet material

Title (de)

Rollenschneidgerät zum Beschneiden von Blattgut

Title (fr)

Appareil a couper de la feuille en rouleau

Publication

EP 1867448 B1 20090819 (DE)

Application

EP 07011033 A 20070605

Priority

DE 202006009493 U 20060614

Abstract (en)

[origin: US2008034936A1] A rotary cutting unit for trimming sheet material has a support plate for receiving the sheet material. The rotary cutting device comprises a guide bar with a knife carriage guided displaceably. A rotary knife is rotatably mounted on the knife carriage. The guide bar is guided in guidance devices between an initial raised position raised and a lowered clamping position. The guide bar includes a clamping surface for contact against sheet material. The guide bar has a force impinged upon it by a spring device, in the direction toward the initial position. An actuation device moves the guide bar out of the initial position into the clamping position. The guide bar is clamped in vertically movable fashion between the spring device and a further spring device. The second spring device has a spring action directed oppositely to the first.

IPC 8 full level

B26D 7/02 (2006.01); B26D 1/18 (2006.01)

CPC (source: EP US)

B26D 7/025 (2013.01 - EP US); B26D 1/185 (2013.01 - EP US); B26D 2007/0087 (2013.01 - EP US); Y10T 83/7507 (2015.04 - EP US); Y10T 83/7763 (2015.04 - EP US); Y10T 83/8822 (2015.04 - EP US)

Cited by

US7878099B2; CN109434931A; CN104084967A

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AT CH DE FR GB LI NL

DOCDB simple family (publication)

US 2008034936 A1 20080214; **US 7878099 B2 20110201**; AT E439956 T1 20090915; DE 202006009493 U1 20070726; DE 502007001329 D1 20091001; EP 1867448 A1 20071219; EP 1867448 B1 20090819

DOCDB simple family (application)

US 80875807 A 20070612; AT 07011033 T 20070605; DE 202006009493 U 20060614; DE 502007001329 T 20070605; EP 07011033 A 20070605