

Title (en)

Apparatus and method for cutting material webs

Title (de)

Vorrichtung und Verfahren zum Schneiden von Materialbahnen

Title (fr)

Dispositif et procédé pour couper des bandes de matériau

Publication

EP 1063087 B1 20021023 (DE)

Application

EP 00111002 A 20000530

Priority

US 33972599 A 19990624

Abstract (en)

[origin: EP1063087A1] The arrangement has a compressed air cylinder (28) with a first valve (21) connected to its first side (29) for applying a first defined pressure and second valve (24) connected to its second side (31). The second valve applies a pressure to the second side greater than the first pressure in a non-cutting mode; this pressure is reduced to a value below the first pressure to start the cutting process. An Independent claim is also included for a method of cutting strip material.

IPC 1-7

B41F 13/60; B26D 1/06; B65H 35/06

IPC 8 full level

B26D 5/20 (2006.01); **B26D 1/06** (2006.01); **B26D 1/56** (2006.01); **B26D 5/12** (2006.01); **B26F 3/02** (2006.01)

CPC (source: EP US)

B26D 1/065 (2013.01 - EP US); **B26D 5/12** (2013.01 - EP US); **B26F 3/02** (2013.01 - EP US); **Y10T 83/04** (2015.04 - EP US); **Y10T 83/8858** (2015.04 - EP US)

Cited by

DE102006005121A1

Designated contracting state (EPC)

CH DE GB IT LI

DOCDB simple family (publication)

EP 1063087 A1 20001227; **EP 1063087 B1 20021023**; DE 10026947 A1 20010222; DE 50000668 D1 20021128; JP 2001025993 A 20010130; US 6658972 B1 20031209

DOCDB simple family (application)

EP 00111002 A 20000530; DE 10026947 A 20000530; DE 50000668 T 20000530; JP 2000191013 A 20000626; US 33972599 A 19990624