

Title (en)

CUTTING AND PUNCHING DEVICE FOR SHEET MATERIALS

Publication

EP 0362019 B1 19930505 (FR)

Application

EP 89402546 A 19890918

Priority

FR 8812488 A 19880923

Abstract (en)

[origin: EP0362019A1] Cutting and punching device for sheet materials, intended to be installed on an automatic cutting machine. The cutting tool is a vertical blade (20) and the punching tool is a vertical punch (35), which tools are integrally connected to each other by means of a base plate (4).
<IMAGE>

IPC 1-7

A41H 43/00; **B26D 9/00**; **B26F 1/38**

IPC 8 full level

B26D 5/00 (2006.01); **A41H 43/00** (2006.01); **B26D 9/00** (2006.01); **B26F 1/38** (2006.01)

CPC (source: EP US)

B26D 9/00 (2013.01 - EP US); **B26F 1/38** (2013.01 - EP US); **B26F 1/382** (2013.01 - EP US); **Y10T 83/0572** (2015.04 - EP US); **Y10T 83/162** (2015.04 - EP US); **Y10T 83/8745** (2015.04 - EP US); **Y10T 83/8858** (2015.04 - EP US)

Cited by

CN104608193A; CN104723402A; CN103419248A; CN105856513A; EP0620072A1; CN106426380A; FR2695056A1; CN105881841A; WO9325352A1

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