

Title (en)

Device and method for cutting out flat material blanks in sheets of flat material

Title (de)

Vorrichtung und Verfahren zum Ausschneiden von Flachmaterialzuschnitten aus Flachmaterialbögen

Title (fr)

Dispositif et procédé destinés à la coupe de sections de matériau plat d'une feuille de matériau plat

Publication

EP 1837136 B1 20081224 (DE)

Application

EP 07005860 A 20070322

Priority

DE 102006013397 A 20060323

Abstract (en)

[origin: EP1837136A1] The device has a cutting roller (2) and an impression roller (3) forming a roller gap for inserting a flat sheet (B) for cutting a flat material layout (Z). A resting grid (R) and an internal opening (I) lying in between the layout are formed as a residue material. The rollers are designed as suction rollers with cladding surfaces (6, 7) having suction air openings (8, 9). Suction air loading of the rollers takes place such that the rollers and the material are transportable directly. The roller (2) is designed as an embossing roller for producing embossments and pre-creasing in the layout. An independent claim is also included for a method for cutting a flat material lay-out on a flat sheet.

IPC 8 full level

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CPC (source: EP US)

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Cited by

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DOCDB simple family (publication)

EP 1837136 A1 20070926; **EP 1837136 B1 20081224**; AT E418427 T1 20090115; DE 102006013397 A1 20071004; DE 502007000313 D1 20090205; ES 2319696 T3 20090511; US 2007251364 A1 20071101; WO 2007107607 A1 20070927

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