

Title (en)

Cutting apparatus having a blowing device for waste removal

Title (de)

Schneideinrichtung mit einer Blasluft zuführenden Spanabfuhrvorrichtung

Title (fr)

Dispositif de coupe ayant un dispositif de soufflage pour l'enlèvement de déchets

Publication

EP 1842633 B1 20101222 (DE)

Application

EP 06405142 A 20060404

Priority

EP 06405142 A 20060404

Abstract (en)

[origin: EP1842633A1] The trimmer has a trimming table (22) arranged to receive a printed product (1) e.g. book, in a position ready for trimming. A trimming knife (3) is configured to cut the lateral edge of the product during a cutting stroke for creating cuttings separated from the product. A removal device is provided for removing the separated cuttings, and includes a collection region arranged behind the knife to receive the separated cuttings during the cutting stroke of the knife. A set of air nozzles is located above the region and adapted to blow compressed air into the collection region. An independent claim is also included for a method for operating a three-knife trimmer for trimming a print product.

IPC 8 full level

B26D 7/18 (2006.01)

CPC (source: EP US)

B26D 7/1854 (2013.01 - EP US); **Y10T 83/0453** (2015.04 - EP US); **Y10T 83/2066** (2015.04 - EP US); **Y10T 83/2068** (2015.04 - EP US); **Y10T 83/2092** (2015.04 - EP US); **Y10T 83/222** (2015.04 - EP US); **Y10T 83/7487** (2015.04 - EP US)

Cited by

CN105690471A; CN111941510A; CN102267240A; US2015360382A1; US9868223B2

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DOCDB simple family (publication)

EP 1842633 A1 20071010; **EP 1842633 B1 20101222**; AT E492379 T1 20110115; DE 502006008549 D1 20110203; JP 2007276107 A 20071025; US 2007227323 A1 20071004; US 7765907 B2 20100803

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