

Title (en)
Rotary cutting blade

Title (de)
Rotationsschneidmesser

Title (fr)
Lame de coupe rotative

Publication
EP 1495845 A2 20050112 (DE)

Application
EP 04013911 A 20040614

Priority
DE 10331320 A 20030710

Abstract (en)
The device is assembled of two rotating cutting units (10, 12) positioned opposite each other with their blades (18) meshing. Each of the units (10, 12) is of a conical shape, provided with radial grooves (16) for the accommodation of the blades (18) at their outer ends. The blades (18) have convex outer surfaces (22, 24) exceeding the outer contours of the unit (10, 12) serving as cutting edges and adjustable in length if required. Rectangular recesses (26) located between each pair of blades (18) can be used for the removal of shavings.

Abstract (de)
Ein Rotationsschneidmesser (10,12) zum Schneiden von Druckereiprodukten ist mit einem Klingenträger (14) versehen, an dessen Außenumfang Klingen (18) so angeordnet sind, dass im Wesentlichen nur eine Schneidkante (24) der Klingen über den Außenumfang (A) des Klingenträgers (14) vorsteht. Zwischen zwei benachbarten Klingen (18) weist der Klingenträger (14) an seinem Außenumfang Aussparungen (26) auf.

IPC 1-7
B26D 1/00; **B26D 1/26**

IPC 8 full level
B26D 1/00 (2006.01); **B26D 1/26** (2006.01)

CPC (source: EP US)
B26D 1/0006 (2013.01 - EP US); **B26D 1/26** (2013.01 - EP US); **B26D 2001/0033** (2013.01 - EP US); **B26D 2001/0046** (2013.01 - EP US); **B26D 2001/006** (2013.01 - EP US); **Y10T 83/929** (2015.04 - EP US); **Y10T 83/9372** (2015.04 - EP US)

Cited by
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EP 1495845 A2 20050112; **EP 1495845 A3 20050209**; **EP 1495845 B1 20061213**; AT E347977 T1 20070115; DE 10331320 A1 20050203; DE 502004002268 D1 20070125; DK 1495845 T3 20070312; US 2005005756 A1 20050113

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