

Title (en)

Folding device with a cutting knife for a rotary press

Title (de)

Falzapparat mit einem Schneidmesser für eine Rollenrotationsdruckmaschine

Title (fr)

Plieuse avec outil de coupe pour presse rotative

Publication

EP 0850731 B1 20030205 (DE)

Application

EP 97119024 A 19971031

Priority

DE 19645796 A 19961107

Abstract (en)

[origin: DE19748110A1] Rotary cutter with one or more cutting blades for the folding unit of a rotary printing machine, in which the cutting blade(s) is/are covered on one of two cutting faces (2, 3) fully or partly over the whole width (a) and whole length starting from or near the cutting edge (4) by a hard coating of the group of metal carbides, nitrides, oxides, borides or silicides singly or in combination, or by a layer of amorphous diamond-like carbon (DLC).

IPC 1-7

B41F 13/60; **B26D 1/00**

IPC 8 full level

B26D 1/00 (2006.01); **B41F 13/56** (2006.01); **B41F 13/60** (2006.01); **B65H 45/28** (2006.01); **C23C 30/00** (2006.01)

CPC (source: EP)

B26D 1/0006 (2013.01); **B41F 13/56** (2013.01); **B65H 45/28** (2013.01); **C23C 30/005** (2013.01); **B26D 2001/002** (2013.01); **B26D 2001/0053** (2013.01); **B26D 2001/0066** (2013.01)

Cited by

WO2008151450A1; CN106113101A; US7166371B2; WO0013861A1

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DE 29719348 U1 19980122; DE 19748110 A1 19980514; DE 19748110 C2 20000713; DE 59709265 D1 20030313; EP 0850731 A2 19980701; EP 0850731 A3 19980930; EP 0850731 B1 20030205

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