Title (en)
Cutting cylinder for the transverse cutting of printed webs in a rotary printing machine.

Title (de)
Schneidzylinder zum Querschneiden einer Bedruckstoffbahn in einer Rotationsdruckmaschine

Title (fr)
Cylindre de coupe pour le découpage transversal de bandes à imprimer dans une machine d'impression rotative

Publication
EP 1486446 A1 20041215 (DE)

Application
EP 04013427 A 20040608

Priority
DE 10326976 A 20030612

Abstract (en)
The cutting cylinder (1) for the cross cutting of a web of printed material in a rotary press has four blades (10) installed on the cylinder's circumference, dividing the circumferential length into four sections. The blades may be distributed over the circumference in such a way that the circumferential lengths are equal for a straight run production, or may be distributed into two longer and two shorter sections for collect-run production. The cutting cylinder is powered by an electric motor connected directly or indirectly to the drive shaft (12).

Abstract (de)
Die Erfindung betrifft einen Schneidzylinder zum Querschneiden einer Bedruckstoffbahn in einer Rotationsdruckmaschine, der drehbar und antreibbar gelagert ist und am Umfang mit Schneidmessern versehen ist, wobei am Umfang des Schneidzylinders (1) vier Messer (10) angeordnet sind, welche die Umfangslänge in vier Abschnitte teilt. <IMAGE>

IPC 1-7
B65H 45/28

IPC 8 full level
B65H 45/28 (2006.01)

CPC (source: EP US)
B65H 45/28 (2013.01 - EP US); Y10T 83/483 (2015.04 - EP US); Y10T 83/4836 (2015.04 - EP US)

Citation (search report)
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EP1886955A1; EP1688381A1

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DE FR GB IT

DOCDB simple family (publication)
EP 1486446 A1 20041215; CN 1590089 A 20050309; DE 10326976 A1 20050120; DE 10326976 B4 20111215; DE 20321544 U1 20071129; DE 20321545 U1 20071129; DE 20321547 U1 20071129; US 2004254055 A1 20041216; US 7011616 B2 20060314

DOCDB simple family (application)
EP 04013427 A 20040608; CN 200410049046 A 20040611; DE 10326976 A 20030612; DE 20321544 U 20030612; DE 20321545 U 20030612; DE 20321547 U 20030612; US 85872504 A 20040601