

Title (en)
CROSS-CUTTING APPARATUS FOR A WEB OF PAPER SHEETS

Title (de)
QUERSCHNEIDER FÜR BAHNEN VON PAPIERBOGEN

Title (fr)
COUPEUSE POUR BANDES DE FEUILLES DE PAPIER

Publication
EP 0800444 B1 20000621 (EN)

Application
EP 95941734 A 19951222

Priority
• FI 9500707 W 19951222
• FI 946114 A 19941228

Abstract (en)
[origin: WO9620072A1] The invention relates to a cross-cutting apparatus for a web of paper sheets, especially for trimming the edge of a bundle of paper sheets consisting of printed matter. A cutting blade (3) is secured to a cutting roll (1) by way of a mounting axle (5) which exerts a forced action to pivot the blade (3) as determined by an eccentric wheel (7) and a guide surface (8). The guide surface (8) has its curvature selected in such a manner that it forces the blade (3) to pivot in the direction opposite to the rotating direction of the roll (1) and at such a speed in relation to the rotating speed of the roll (1) that during a working stroke said blade (3) retains its perpendicular position relative to the plane of a sheet to be cut.

IPC 1-7
B26D 1/40

IPC 8 full level
B26D 1/62 (2006.01)

CPC (source: EP)
B26D 1/626 (2013.01)

Designated contracting state (EPC)
CH DE FR GB IT LI SE

DOCDB simple family (publication)
WO 9620072 A1 19960704; DE 69517601 D1 20000727; DE 69517601 T2 20010215; EP 0800444 A1 19971015; EP 0800444 B1 20000621; FI 101352 B1 19980615; FI 101352 B 19980615; FI 946114 A0 19941228; FI 946114 A 19960629

DOCDB simple family (application)
FI 9500707 W 19951222; DE 69517601 T 19951222; EP 95941734 A 19951222; FI 946114 A 19941228