

Title (en)  
DEVICE FOR CUTTING CONTINUOUS STRIPS OF PAPER

Title (de)  
VORRICHTUNG ZUM SCHNEIDEN VON PAPIERBAHNEN

Title (fr)  
DISPOSITIF DE DECOUPE DE FEUILLES DE PAPIER CONTINUES

Publication  
**EP 0796216 A1 19970924 (DE)**

Application  
**EP 96926358 A 19960717**

Priority  
• DE 19535982 A 19950927  
• DE 19624277 A 19960618  
• EP 9603152 W 19960717

Abstract (en)  
[origin: DE19654984C2] The strip (108) is advanced by a feeder (102) to a cutter (104) via a delay device (106) ensuring the correct position for cutting. The delay device is preceded by a buffer (120) where a loop is accumulated during the delay. The paper is lifted uniformly by air from nozzles (126a,126b) in the floor (122) towards upper entry and exit guides (124a,124b). A cover (124c) over the guides encloses an air space in which oscillations of the strip in the course of loop formation at high speeds (e.g. above 80 cm/s) are effectively damped. This enables the precision of cutting to be maintained within the prescribed tolerances.

IPC 1-7  
**B65H 20/32**

IPC 8 full level  
**B65H 20/00** (2006.01); **B65H 20/04** (2006.01); **B65H 20/32** (2006.01); **B65H 23/188** (2006.01)

CPC (source: EP)  
**B65H 20/32** (2013.01); **B65H 2403/60** (2013.01)

Citation (search report)  
See references of WO 9711902A1

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

DOCDB simple family (publication)  
**DE 19654984 C2 19981015**; CA 2205447 A1 19970403; DE 19654986 C2 19981015; EP 0796216 A1 19970924; ES 2106711 T1 19971116; JP 2849476 B2 19990120; JP H09511731 A 19971125; WO 9711902 A1 19970403

DOCDB simple family (application)  
**DE 19654984 A 19960618**; CA 2205447 A 19960717; DE 19654986 A 19960618; EP 9603152 W 19960717; EP 96926358 A 19960717; ES 96926358 T 19960717; JP 51310097 A 19960717