

Title (en)  
DEVICE FOR PRINTING OR DIE CUTTING A WEB

Publication  
**EP 0295449 B1 19921202 (DE)**

Application  
**EP 88108010 A 19880519**

Priority  
CH 232687 A 19870619

Abstract (en)  
[origin: EP0295449A2] The device features two counter-rotatably driveable working rollers (1, 2) where the distance between the shafts of the working rollers (1, 2) is securely set by cylinder rings (7, 8, 11, 12) attached to the ends of the rollers and in rolling contact with one another in pairs. In order to be able to adjust the distance between the shafts of the working rollers with little effort, the cylinder rings (7, 8, 11, 12) are provided with conical running surfaces, the running surfaces (L) of the cylinder rings of one working roller (1) converging towards the axis of rotation of the latter and the running surfaces (L) of the cylinder rings of the other working roller (2) converging towards the axis of rotation of the latter in the opposite direction. Moreover, the circular cones forming the running surfaces (L) have the same included angle and one of the working rollers (1, 2) is displaceable in the direction of its axis of rotation. <IMAGE>

IPC 1-7  
**B41F 13/20**

IPC 8 full level  
**B26F 1/08** (2006.01); **B31F 1/07** (2006.01); **B41F 13/20** (2006.01); **B41F 13/21** (2006.01); **B21B 27/02** (2006.01); **B21B 31/16** (2006.01)

CPC (source: EP US)  
**B31F 1/07** (2013.01 - EP US); **B41F 13/21** (2013.01 - EP US); **B21B 31/16** (2013.01 - EP US); **B21B 2027/022** (2013.01 - EP US); **B31F 2201/0753** (2013.01 - EP US)

Cited by  
EP1754601A1; EP0943433A1; EP0362192A3; NL9500508A; EP2241441A1; US6314881B1; WO0041887A1

Designated contracting state (EPC)  
AT DE FR GB IT

DOCDB simple family (publication)  
**EP 0295449 A2 19881221**; **EP 0295449 A3 19900228**; **EP 0295449 B1 19921202**; AT E82904 T1 19921215; CH 673623 A5 19900330; DE 3876305 D1 19930114; JP 2680041 B2 19971119; JP S6416398 A 19890119; US 4926666 A 19900522

DOCDB simple family (application)  
**EP 88108010 A 19880519**; AT 88108010 T 19880519; CH 232687 A 19870619; DE 3876305 T 19880519; JP 15208188 A 19880620; US 20508188 A 19880609