

Title (en)

PAIR OF TRACTION ROLLERS IN A ROTARY PRINTING MACHINE FOR ADVANCING PRINT CARRIER WEBS

Publication

EP 0226749 B1 19910116 (DE)

Application

EP 86114636 A 19861022

Priority

DE 3545295 A 19851220

Abstract (en)

[origin: US4748910A] To exert tension on a moving web, typically a paper web pulled over a folding former of a printing machine, the pull-off rollers are formed with axial grooves which are filled with strips of elastic material, such as plastic or rubber; preferably, the width of the ribs, which can be steel, is slightly less than the circumferential width of the elastic insert strips to provide for slight pinching of engagement surfaces between the ribs (9) and the elastic insert strips (10)-see FIG. 2. The strips and ribs extend over the entire axial length of the rollers to provide an axially uniform tension over the entire width of the web material.

IPC 1-7

B41F 13/02; B65H 27/00

IPC 8 full level

B41F 13/02 (2006.01); **B41F 13/58** (2006.01); **B65H 20/02** (2006.01); **B65H 27/00** (2006.01); **B65H 45/22** (2006.01)

CPC (source: EP US)

B65H 20/02 (2013.01 - EP US); **B65H 45/221** (2013.01 - EP US)

Designated contracting state (EPC)

CH FR GB IT LI SE

DOCDB simple family (publication)

DE 3545295 C1 19861016; EP 0226749 A2 19870701; EP 0226749 A3 19890301; EP 0226749 B1 19910116; JP S62157167 A 19870713; US 4748910 A 19880607

DOCDB simple family (application)

DE 3545295 A 19851220; EP 86114636 A 19861022; JP 30023286 A 19861218; US 94140986 A 19861215