

Title (en)
PRESSING OR FEEDING ROLLER

Publication
EP 0315754 A3 19900425 (DE)

Application
EP 88115075 A 19880915

Priority
DE 3730854 A 19870915

Abstract (en)
[origin: EP0315754A2] The pressing or feeding roller, in particular for articles in sheet or film form, comprises an outer circumferential surface which serves as a pressing surface and is arranged coaxially with respect to a bore running in the longitudinal direction. In order to be able subsequently to demount in a simple manner the pressing or feeding roller from the axle or shaft on which it is arranged for repair purposes and to be able simply and easily to mount a replacement roller, the roller is provided at one point with a slot which extends from the outer circumferential surface to the bore and passes through the end faces, whereas said roller possesses elastic material at least at a point which is diametrically opposite to the slot with respect to the longitudinal axis. With the aid of the elastic material, the parts separated from one another by the slot are joined together in the manner of a hinge. <IMAGE>

IPC 1-7
B65H 27/00

IPC 8 full level
B41J 13/076 (2006.01); **B65H 27/00** (2006.01)

CPC (source: EP)
B41J 13/076 (2013.01); **B65H 27/00** (2013.01); **B65H 2404/114** (2013.01); **B65H 2404/13171** (2013.01)

Citation (search report)
• [X] US 3775821 A 19731204 - SOMERVILLE R
• [X] US 4473221 A 19840925 - ARAI TOMIO [JP]
• [AD] DE 2533782 A1 19770203 - H RADENHAEUSER & U RADERMACHER
• [A] GB 2132737 A 19840711 - TOKYO SHIBAURA ELECTRIC CO
• [A] US 2233955 A 19410304 - MILLER RICHARD O
• [A] US 4378737 A 19830405 - KIRKPATRICK ALAN D

Cited by
US7125012B2; US5363129A; EP0543150A3; EP0543651A3; US5533822A; US8752688B2; WO2011054904A1

Designated contracting state (EPC)
AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
EP 0315754 A2 19890517; EP 0315754 A3 19900425; DE 3730854 A1 19890330

DOCDB simple family (application)
EP 88115075 A 19880915; DE 3730854 A 19870915