

Title (en)

A BELT SUPPORT AND STEERING ROLLER

Publication

EP 0191590 B1 19910306 (EN)

Application

EP 86300755 A 19860205

Priority

US 69953885 A 19850208

Abstract (en)

[origin: EP0191590A2] A roller (14) which controls the lateral movement of a belt moving thereover so that the belt moves along a predetermined path includes a shaft (52) having a sleeve (54) mounted thereon. The sleeve is made from a resilient, substantially isotropic material preferably a foam material such as a microcellular urethane having a density of approximately 400 kg/m³, a hardness of about 40 on the Shore 0 scale, and substantially equal radial, axial and circumferential compliance.

IPC 1-7

G03G 15/00

IPC 8 full level

B65H 5/02 (2006.01); **B65G 39/071** (2006.01); **B65H 27/00** (2006.01); **G03G 15/00** (2006.01); **G03G 21/00** (2006.01)

CPC (source: EP)

B65H 27/00 (2013.01); **G03G 15/755** (2013.01); **B65H 2404/185** (2013.01)

Citation (examination)

US 4160074 A 19790703 - KOMADA HIROSHI, et al

Cited by

FR2720535A1; GB2311987A; US5862447A; GB2311987B; US9382087B2; US9388006B2

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0191590 A2 19860820; **EP 0191590 A3 19870114**; **EP 0191590 B1 19910306**; DE 3677795 D1 19910411; JP S61183048 A 19860815

DOCDB simple family (application)

EP 86300755 A 19860205; DE 3677795 T 19860205; JP 1665686 A 19860127