

Title (en)
INDUCING BACK TENSION IN A MOVING STRIP VIA A DRAG PAD

Publication
EP 0172179 B1 19900905 (EN)

Application
EP 85900600 A 19850207

Priority
AU PG355184 A 19840209

Abstract (en)
[origin: WO8503461A1] A method of inducing back tension in a longitudinally moving magnetiseable strip (6) comprising the steps of positioning a stationary electro-magnet (5) adjacent to one side of the strip (6), interposing a layer of fabric or other friction material (8) between the magnet (5) and the strip (6) and energising the magnet (5) to effect drag on the strip (6) due to pressure contact between the strip (6) and the layer (8). Also disclosed is a drag pad comprising an electro-magnet (5) providing an array of closely spaced, mutually parallel, elongate pole faces (19, 20) each of opposite polarity to its neighbouring face or faces and a layer of friction material (8) covering the array.

IPC 1-7
B21B 39/08; **B21C 47/02**; **B65H 23/10**

IPC 8 full level
B21B 39/08 (2006.01); **B21C 47/00** (2006.01); **B65H 23/10** (2006.01)

CPC (source: EP)
B21B 39/08 (2013.01); **B21C 47/003** (2013.01); **B21C 47/006** (2013.01); **B65H 23/10** (2013.01)

Cited by
US5644900A; US8579507B2

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

DOCDB simple family (publication)
WO 8503461 A1 19850815; BR 8505163 A 19860121; CA 1272175 A 19900731; DE 3579536 D1 19901011; EP 0172179 A1 19860226; EP 0172179 A4 19880620; EP 0172179 B1 19900905; JP S61501137 A 19860612; KR 850700222 A 19851226

DOCDB simple family (application)
AU 8500021 W 19850207; BR 8505163 A 19850207; CA 473951 A 19850208; DE 3579536 T 19850207; EP 85900600 A 19850207; JP 50074585 A 19850207; KR 850700247 A 19851007