

Title (en)

Mechanisms for providing drag during unwinding of tapes.

Title (de)

Hemmechanismus während der Abwicklung von Bändern.

Title (fr)

Mécanismes de frein pendant le déroulement de rubans.

Publication

EP 0102250 A2 19840307 (EN)

Application

EP 83305057 A 19830901

Priority

US 41385082 A 19820901

Abstract (en)

Mechanisms are described for providing a predetermined amount of drag during the unwinding of tape from a cylindrical core (11) and for providing two layers of tape (10) under tension for the lamination of a toner image. The former includes a stationary cylindrical spool (13) and the latter includes two such spools (13). A foam strip (12) occupying the space between the stationary cylindrical spool (13) and a roll of tape (10), wound on the concentric cylindrical core (11), the strip (12) being attached to said spool (13). The uncompressed thickness of the foam strip (12) is greater than the space between the spool (13) and core (11) to provide a constant drag force when the core is rotated by pulling out tape. The foam strip is made from open pore polyether-polyurethane.

IPC 1-7

G03G 15/00; **B65H 75/30**

IPC 8 full level

B65H 23/06 (2006.01); **B65H 75/30** (2006.01); **G03G 15/16** (2006.01)

CPC (source: EP)

B65H 23/06 (2013.01); **B65H 75/30** (2013.01); **G03G 15/1625** (2013.01)

Cited by

US6196290B1; US6431237B2; GB2188904A; GB2188904B; EP0681519A4; CN104950629A; US6595258B2

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0102250 A2 19840307; AU 1675383 A 19840308; JP S5957852 A 19840403

DOCDB simple family (application)

EP 83305057 A 19830901; AU 1675383 A 19830712; JP 15473583 A 19830824