Title (en)

APPARATUS FOR PRODUCING AN EVEN FIBRE TAP OR FIBRE WEB IN A CARDING MACHINE, WOOLLEN CARD OR THE LIKE

Publication

EP 0261355 B1 19930203 (DE)

Application

EP 87111155 A 19870801

Priority

- DE 3632581 A 19860925
- DE 3722141 A 19870704

Abstract (en)

[origin: ES2005347A6] An apparatus for levelling the thickness of a running fiber lap fed to a textile fiber processing machine, includes a feed roller having a generally horizontal longitudinal axis and a feed table cooperating with the feed roller by defining therewith a nip through which the fiber lap passes. The fiber processing machine further includes a motor connected with the feed roller for rotating the feed roller, a lap thickness measuring device including a sensor element cooperating with the feed roller and undergoing excursions in response to thickness variations of the fiber lap runing between the feed roller and the sensor element and a control device connected to the measuring device for receiving signals representing the excursions. The control device is connected to the motor for applying rpm control signals thereto as a function of the thickness variations. The sensor element is separate from, and is movable relative to, the feed table, and the feed table has an aperture, and the sensor element cooperates with the feed roller through the aperture.

IPC 1-7

D01G 23/06

IPC 8 full level

D01G 23/06 (2006.01); **D01G 15/36** (2006.01)

CPC (source: EP US)

D01G 23/06 (2013.01 - EP US)

Cited by

WO2009039672A1

Designated contracting state (EPC)

CH DE IT LI

DOCDB simple family (publication)

EP 0261355 A2 19880330; **EP 0261355 A3 19901219**; **EP 0261355 B1 19930203**; AT 395726 B 19930225; AT A191387 A 19920715; BE 1002559 A5 19910326; BR 8704916 A 19880517; CA 1308533 C 19921013; CH 673849 A5 19900412; ES 2005347 A6 19890301; FR 2604450 A1 19880401; FR 2604450 B1 19920417; GB 2198461 A 19880615; GB 2198461 B 19900328; GB 8722233 D0 19871028; GR 871440 B 19870922; HK 93790 A 19901123; IT 1228598 B 19910624; IT 8721293 A0 19870715; JP 2763882 B2 19980611; JP S6385119 A 19880415; MX 159985 A 19891020; NL 8702165 A 19880418; US 4817247 A 19890404; YU 146587 A 19900630

DOCDB simple family (application)

EP 87111155 A 19870801; AT 191387 A 19870729; BE 8701081 A 19870924; BR 8704916 A 19870924; CA 547635 A 19870923; CH 370187 A 19870924; ES 8702738 A 19870924; FR 8713216 A 19870924; GB 8722233 A 19870922; GR 870101440 A 19870917; HK 93790 A 19901115; IT 2129387 A 19870715; JP 20837287 A 19870824; MX 841787 A 19870921; NL 8702165 A 19870910; US 10033487 A 19870923; YU 146587 A 19870804