

Title (en)

DEVICE FOR THE LATERAL SENSING OF NAPLESS REGIONS ON TEXTILE WEBS, ESPECIALLY SPONGE CLOTH.

Title (de)

VORRICHTUNG ZUM SEITLICHEN ABTASTEN VON FLORLOSEN ZONEN AN GEWEBEBAHNEN, INSBESONDERE FROTTEEWARE.

Title (fr)

DISPOSITIF DE BALAYAGE LATERAL DE ZONES DEPOURVUES DE POILS DE BANDES DE TISSUS, NOTAMMENT DU TISSU EPONGE.

Publication

EP 0550672 B1 19940713 (DE)

Application

EP 91918959 A 19911102

Priority

- DE 9016342 U 19901201
- DE 9100864 W 19911102

Abstract (en)

[origin: US5282298A] A pile-detecting apparatus is used in a machine wherein a pile fabric is deflected over a smooth surface of a roll to detect the edge between the pile-free portion of the fabric and the portion with the pile, which edge runs parallel to the displacement direction of the fabric over the roll. The apparatus has a support plate, a frame carrying the plate, a plurality of rollers mounted on the frame and riding on the surface of the deflecting roll, and at least one light source on the plate for generating light beams and directing same tangentially of the surface. Respective detectors on the plate receive the respective light beams.

IPC 1-7

D06H 7/06; **B65H 23/02**

IPC 8 full level

B65H 23/02 (2006.01); **D06H 7/06** (2006.01)

CPC (source: EP US)

B65H 23/0216 (2013.01 - EP US); **D06H 7/06** (2013.01 - EP US)

Cited by

CN111366124A

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

US 5282298 A 19940201; AT E108499 T1 19940715; AU 8769491 A 19920625; BR 9107140 A 19931103; DE 59102199 D1 19940818; DE 9016342 U1 19910221; EP 0550672 A1 19930714; EP 0550672 B1 19940713; ES 2060410 T3 19941116; PT 99652 A 19931231; PT 99652 B 19990226; WO 9209738 A1 19920611

DOCDB simple family (application)

US 70659391 A 19910528; AT 91918959 T 19911102; AU 8769491 A 19911102; BR 9107140 A 19911102; DE 59102199 T 19911102; DE 9016342 U 19901201; DE 9100864 W 19911102; EP 91918959 A 19911102; ES 91918959 T 19911102; PT 9965291 A 19911129