

Title (en)

Monitoring the position of a band of tipping paper

Title (de)

Überwachung der Lage eines Belagpapierstreifens

Title (fr)

Surveillance de la position d'une bande de papier de recouvrement

Publication

EP 1849370 B1 20110608 (DE)

Application

EP 07008064 A 20070420

Priority

DE 102006019657 A 20060425

Abstract (en)

[origin: EP1849370A1] The device has a measuring system (20) with a measuring radiation producing source (3) e.g. lamp, provided for subjecting a covering paper strip (1) with measuring radiation (15), and a sensor device for receiving the produced scattering field. The system is arranged such that the measuring radiation in direct proximity of a disseminate device (2) impinges on the strip and the scattering field in the direct proximity of the disseminate device is measured. The source and the sensor device are arranged directly in front of the disseminate device in a conveying direction of the strip. Independent claims are also included for the following: (1) an application of a measuring system in a device for monitoring the position of a covering paper strip (2) a method for monitoring the position of the covering paper strip (3) a method for operating a filter assembling machine of the tobacco processing industry.

IPC 8 full level

A24C 5/20 (2006.01); **B65H 23/02** (2006.01)

CPC (source: EP)

A24C 5/20 (2013.01); **B65H 23/0216** (2013.01)

Citation (examination)

- US 2004226465 A1 20041118 - MORKE TORSTEN [DE], et al
- US 5735292 A 19980407 - DRAGHETTI FIORENZO [IT]
- DE 19908932 A1 19991209 - JUEKE MECHANISCHE UND ELEKTRON [DE]

Cited by

CN114886151A; CN108975023A; DE202009012142U1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1849370 A1 20071031; **EP 1849370 B1 20110608**; AT E511767 T1 20110615; CN 101061890 A 20071031; CN 101061890 B 20100609; DE 102006019657 A1 20071108; DE 102006019657 A9 20080228; JP 2007289189 A 20071108; JP 4568741 B2 20101027; PL 1849370 T3 20111130

DOCDB simple family (application)

EP 07008064 A 20070420; AT 07008064 T 20070420; CN 200710101892 A 20070425; DE 102006019657 A 20060425; JP 2007109064 A 20070418; PL 07008064 T 20070420