

Title (en)
DEVICE AND METHOD FOR FRONTAL INSPECTION OF A TRANSVERSALLY CONVEYED ROD-SHAPED ARTICLE IN A MACHINE FOR THE TOBACCO PROCESSING INDUSTRY

Title (de)
VORRICHTUNG UND VERFAHREN ZUR STIRNSEITIGEN INSPEKTION EINES QUERAXIAL GEFÖRDERTEN STABFÖRMIGEN ARTIKELS IN EINER MASCHINE DER TABAK VERARBEITENDEN INDUSTRIE

Title (fr)
DISPOSITIF ET PROCEDE D'INSPECTION DE SURFACE FRONTALE D'UN PRODUIT EN FORME DE TIGE ACHEMINE DANS LE SENS TRANSVERSAL-AXIAL DANS UNE MACHINE DE TRAITEMENT DU TABAC

Publication
EP 3042574 B2 20220601 (DE)

Application
EP 15202801 A 20151228

Priority
DE 102015000046 A 20150109

Abstract (en)
[origin: JP2016127835A] PROBLEM TO BE SOLVED: To provide equipment and a method capable of inspecting at a low cost in total an end face of a rod-shaped article transferred in a lateral direction in a tobacco processing industry machine. SOLUTION: Equipment for inspecting an end face of a rod-shaped article (6) transferred in a lateral direction in a tobacco processing industry machine (11) includes at least one thrusting-in drum (13) rotatively driven and having peripheral grooves (10), an introduction device (8) for introducing a rod-shaped article (6) longitudinally into the peripheral groove (10), and an optical inspection device (24). The inspection device is disposed for inspecting the end face (6a) of a filter rod disposed in a detection area (25) of the inspection device (24). The thrusting-in drum (13) is provided with a positioning element (21) at an end surface opposite to a strand. The rod-shaped article (6) abuts on the positioning element. The positioning element (21) and the thrusting-in drum (13) move relative to each other. SELECTED DRAWING: Figure 1

IPC 8 full level
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CPC (source: CN EP)
A24C 5/326 (2013.01 - EP); **A24C 5/3412** (2013.01 - EP); **A24C 5/35** (2013.01 - CN)

Citation (opposition)
Opponent :

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- US 2004221859 A1 20041111 - OKAMOTO HIROSHI [JP], et al
- GB 2176598 A 19861231 - KOERBER AG
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DOCDB simple family (publication)
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DOCDB simple family (application)
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