

Title (en)
Device and method for making a filter rod free of wrapping material and format unit and guide mandrel for use in this device

Title (de)
Einrichtung und Verfahren zur Herstellung eines umhüllungsmaterialfreien Filterstrangs sowie Formateinheit und Führungsdorn zur Verwendung in dieser Einrichtung

Title (fr)
Dispositif et procédé de fabrication d'un tronçon de filtre sans matériau d'enrobage ainsi qu'unité de mise en forme et broche de guidage destinée à être utilisée dans ce dispositif

Publication
EP 2868215 A3 20151104 (DE)

Application
EP 14188936 A 20141015

Priority
DE 102013222055 A 20131030

Abstract (en)
[origin: CN104585877A] The invention relates to a device for manufacturing a hollow filter tip strip without a wrapping material in the tobacco-processing industry. The device comprises: a transport nozzle which perform loading by utilizing compressed air and used to transport pre-treated filter tip strips along a longitudinal-direction inner cavity of the transport nozzle so that a filter tip material stream can be provided at an opening of an output of the transport nozzle, a guide spindle provided with a first sub section which extends along the inner cavity of the transport nozzle, and a specification unit which is arranged downstream in the transport direction of the filter tip material stream and which is provided with a specification nozzle; and the specification nozzle comprises a transport channel which become thinner in the transport direction, a second sub section of the guide spindle extends in the transport channel, and a surface of the transport channel together with a surface of the second sub section of the guide spindle forms a specification channel for shaping the hollow filter tip strip without the wrapping material. The device is improved like this, that is to say, the surface, acting on a guide face of the filter tip material stream, of the specification channel is provided with an anti-sticking layer at least sectionally.

IPC 8 full level
A24D 3/02 (2006.01)

CPC (source: CN EP)
A24D 3/0233 (2013.01 - CN EP); **A24D 3/0291** (2013.01 - CN EP)

Citation (search report)
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• [YD] EP 2636321 A1 20130911 - MONTRADE S R L [IT]
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