

Title (en)

Device for inserting one or more objects into a filter component of a tobacco rod and machine for the tobacco processing industry

Title (de)

Vorrichtung zum Einlegen eines oder mehrerer Objekte in eine Filterkomponente eines Tabakstocks und Maschine der Tabak verarbeitenden Industrie

Title (fr)

Dispositif pour l'introduction d'un ou plusieurs objets dans un composant de filtre d'un bâton de tabac et machine de l'industrie de traitement du tabac

Publication

EP 2636322 B1 20180523 (DE)

Application

EP 13157892 A 20130305

Priority

- US 201261607296 P 20120306
- US 201213709902 A 20121210

Abstract (en)

[origin: EP2636322A2] The apparatus has an acceleration chamber transferring objects from a storage apparatus (22) to an object inserter (10), where the acceleration chamber includes a vortex chamber defining a periphery and an opening in the periphery. A metering drum is rotated around the vortex chamber, where the metering drum comprises metering holes moved into alignment with the opening in the periphery of the vortex chamber. The metering holes receive the objects through the opening in the periphery of the vortex chamber and transfer the objects to an inserter wheel (50). The object inserter is a hopper, a single-filter rod, dual-filter rod and multi-filter rod.

IPC 8 full level

A24D 3/02 (2006.01); **B65G 47/14** (2006.01); **B65G 47/19** (2006.01)

CPC (source: EP)

A24D 3/0216 (2013.01)

Cited by

EP3064076A3; WO2015101592A1; US11896049B2; US11779048B2; EP3064076B1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2636322 A2 20130911; **EP 2636322 A3 20150722**; **EP 2636322 B1 20180523**; CN 103300474 A 20130918; CN 103300474 B 20171215; PL 2636322 T3 20181031

DOCDB simple family (application)

EP 13157892 A 20130305; CN 201310070963 A 20130306; PL 13157892 T 20130305