

Title (en)

MACHINE FOR MAKING FILTERS FOR SMOKING ARTICLES

Title (de)

MASCHINE ZUR HERSTELLUNG VON FILTERN FÜR RAUCHARTIKEL

Title (fr)

MACHINE POUR FABRIQUER DES FILTRES POUR ARTICLES À FUMER

Publication

**EP 3659448 A1 20200603 (EN)**

Application

**EP 19206915 A 20191104**

Priority

IT 201800010059 A 20181106

Abstract (en)

This invention relates to a machine for making filters for smoking articles comprising at least two forming beams (2) placed side by side, each extending predominantly along a longitudinal axis and having an internal channel (7) adapted to form a stream of tow. Each forming beam (2) is associated with a respective porous conveyor element (9) configured to slide inside the respective channel (7) and to carry the tow along a feed path (8) parallel to the longitudinal axis. The conveyor element (9) is adapted to comply with the shape of the transverse cross section of the internal channel (7) and to be at least partly wrapped around the tow. Each forming beam, (2) is also provided with a succession of treatment stations (10) located along the feed path (8) of the respective forming beam (2) and comprising at least one nozzle (11) configured to blow a flow of steam into the respective internal channel (7).

IPC 8 full level

**A24D 3/02** (2006.01)

CPC (source: EP)

**A24D 3/0233** (2013.01); **A24D 3/027** (2013.01)

Citation (search report)

- [I] EP 2636321 A1 20130911 - MONTRADE S R L [IT]
- [I] WO 2017125849 A1 20170727 - GD SPA [IT]
- [A] EP 1741353 A1 20070110 - HAUNI MASCHINENBAU AG [DE]

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 3659448 A1 20200603**; **EP 3659448 B1 20230111**; HR P20230163 T1 20230331; IT 201800010059 A1 20200506; PL 3659448 T3 20230411

DOCDB simple family (application)

**EP 19206915 A 20191104**; HR P20230163 T 20191104; IT 201800010059 A 20181106; PL 19206915 T 20191104