

Title (en)
FILTER MANUFACTURING MACHINE

Title (de)
FILTERHERSTELLUNGSMASCHINE

Title (fr)
MACHINE DE FABRICATION DE FILTRE

Publication
EP 3178332 A1 20170614 (EN)

Application
EP 16202066 A 20161202

Priority
IT UB20156245 A 20151203

Abstract (en)
Machine for manufacturing filters (2) for cigarettes, comprising an operating assembly (8) to widen a tow (4) of filtering material and a forming assembly (9) to obtain a filter rod (10) with the aforementioned tow (4); treatment modules (11), arranged between the operating assembly (8) and the forming assembly (9), can be replaced with other treatment modules (11) designed to treat the tow (4) of filtering material in a different manner and which can be mounted one on the other so as to be able to carry out several different treatments, at the same time, on the same tow of filtering material (4).

IPC 8 full level
A24D 3/02 (2006.01)

CPC (source: EP)
A24D 3/02 (2013.01); **A24D 3/0212** (2013.01)

Citation (search report)

- [X] EP 2633769 A1 20130904 - AIGER GROUP AG [CH]
- [I] EP 2591686 A2 20130515 - HAUNI MASCHINENBAU AG [DE]
- [A] EP 1726223 A2 20061129 - HAUNI MASCHINENBAU AG [DE]
- [A] DE 102007057396 A1 20090528 - HAUNI MASCHINENBAU AG [DE]
- [A] EP 1847187 A1 20071024 - HAUNI MASCHINENBAU AG [DE]

Cited by
ES2749299A1; WO2020058550A1; WO2019110715A1; EP4000425A1; IT202000027263A1

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 3178332 A1 20170614; EP 3178332 B1 20200513; IT UB20156245 A1 20170603; PL 3178332 T3 20200810

DOCDB simple family (application)
EP 16202066 A 20161202; IT UB20156245 A 20151203; PL 16202066 T 20161202