

Title (en)
FILTER ELEMENT

Title (de)
FILTER ELEMENT

Title (fr)
ÉLÉMENT FILTRANT

Publication
EP 3694344 A4 20211020 (EN)

Application
EP 19850755 A 20191220

Priority

- SG 10201811821V A 20181231
- SG 10201900733Q A 20190125
- SG 10201901122R A 20190208
- SG 10201901123S A 20190208
- SG 10201902961W A 20190402
- SG 10201903585X A 20190422
- SG 2019050628 W 20191220

Abstract (en)
[origin: WO2020142005A1] The disclosure relates to an apparatus for producing a filter element having a filter forming module, comprising a first forming guide configured to receive a continuous strand of a primary filter material; a frontend cutting unit positioned downstream of the first forming guide, the frontend cutting unit operable to cut the primary filter material exiting from the first forming guide into a plurality of filter strand segments, each filter strand segment having a pre-determined length; a forming element positioned downstream of the frontend cutting unit, and configured to compress the primary filter material or the plurality of filter strand segments to form a filter body of a pre-determined shape and/or a pre-determined dimension; and a heating unit placed along a pathway of the continuous strand of the primary filter material and at an inlet side of the filter forming module.

IPC 8 full level
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Citation (search report)

- [X] US 2003213496 A1 20031120 - WOLFF STEPHAN [DE], et al
- [X] US 2002020420 A1 20020221 - XUE LIXIN LUKE [US], et al
- [X] KR 20180070515 A 20180626 - KT & G CORP [KR]
- See references of WO 2020142002A1

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)
WO 2020142005 A1 20200709; EP 3694344 A1 20200819; EP 3694344 A4 20211020; SG 10201903923S A 20200330;
WO 2020142002 A1 20200709

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SG 2019050644 W 20191226; EP 19850755 A 20191220; SG 10201903923S A 20190430; SG 2019050628 W 20191220