

Title (en)  
APPARATUS AND METHOD FOR PRODUCING CIGARETTE FILTER

Title (de)  
VORRICHTUNG UND VERFAHREN ZUR HERSTELLUNG EINES ZIGARETTENFILTERS

Title (fr)  
APPAREIL ET PROCÉDÉ DE PRODUCTION D'UN FILTRE DE CIGARETTE

Publication  
**EP 3170411 B1 20201021 (EN)**

Application  
**EP 14897870 A 20140718**

Priority  
JP 2014069195 W 20140718

Abstract (en)  
[origin: EP3170411A1] There is provided a technique capable of stably manufacturing a cigarette filter even if a liquid additive with high viscosity is supplied to filter fibers in a cigarette filter manufacturing process. A manufacturing apparatus for a cigarette includes a feed mechanism that continuously feeds a band of filter fibers along a predetermined feed path and an application device that applies a liquid additive to the filter fibers fed along the feed path. The application device includes a supply unit that is arranged above and away from the filter fibers fed along the feed path and continuously drops the liquid additive to an upper surface of the filter fibers located below such that the liquid additive is continuous.

IPC 8 full level  
**A24D 3/02** (2006.01)

CPC (source: EP KR)  
**A24D 3/022** (2013.01 - EP KR); **A24D 3/0229** (2013.01 - KR)

Cited by  
WO2024002721A1

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 3170411 A1 20170524; EP 3170411 A4 20180314; EP 3170411 B1 20201021**; CN 106572697 A 20170419; CN 106572697 B 20200421; EA 033296 B1 20190930; EA 201790222 A1 20170531; JP 6198951 B2 20170920; JP WO2016009555 A1 20170427; KR 101933812 B1 20181228; KR 20170024038 A 20170306; MY 182844 A 20210205; PL 3170411 T3 20210125; UA 116855 C2 20180510; WO 2016009555 A1 20160121

DOCDB simple family (application)  
**EP 14897870 A 20140718**; CN 201480080703 A 20140718; EA 201790222 A 20140718; JP 2014069195 W 20140718; JP 2016534069 A 20140718; KR 20177002344 A 20140718; MY PI2017700176 A 20140718; PL 14897870 T 20140718; UA A201701495 A 20140718