

Title (en)
TOBACCO SMOKE FILTER

Title (de)
FILTER FÜR TABAKRAUCH

Title (fr)
FILTRE À FUMÉE DE TABAC

Publication
EP 2816911 C0 20240110 (EN)

Application
EP 13706961 A 20130225

Priority
• GB 201203202 A 20120223
• GB 201218113 A 20121009
• EP 2013053654 W 20130225

Abstract (en)
[origin: WO2013124475A1] A tobacco smoke filter or filter element including a nonwoven fabric, wherein the nonwoven fabric comprises: a sheet of staple fibres; and a water soluble binder; wherein the water soluble binder is uniformly coated on at least one face of the sheet of staple fibres. The filter has superior biodegradability.

IPC 8 full level
A24D 3/06 (2006.01); **A24D 3/08** (2006.01)

CPC (source: EP RU US)
A24D 3/04 (2013.01 - EP US); **A24D 3/048** (2013.01 - EP US); **A24D 3/068** (2013.01 - EP US); **A24D 3/08** (2013.01 - EP US);
A24D 3/14 (2013.01 - US); **A24D 3/06** (2013.01 - RU)

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

Participating member state (EPC – UP)
AT BE BG DE DK EE FI FR IT LT LU LV MT NL PT SE SI

DOCDB simple family (publication)
WO 2013124475 A1 20130829; CA 2863465 A1 20130829; CA 2863465 C 20170530; CN 104244747 A 20141224; CN 110558609 A 20191213; EP 2816911 A1 20141231; EP 2816911 B1 20240110; EP 2816911 C0 20240110; IN 6667DEN2014 A 20150522; JP 2015507937 A 20150316; JP 2018011604 A 20180125; JP 2020043872 A 20200326; JP 2022066362 A 20220428; JP 6258872 B2 20180110; RU 2014134214 A 20160410; RU 2631628 C2 20170925; US 2015059789 A1 20150305; US 2023248053 A1 20230810

DOCDB simple family (application)
EP 2013053654 W 20130225; CA 2863465 A 20130225; CN 201380010608 A 20130225; CN 201910836975 A 20130225; EP 13706961 A 20130225; IN 6667DEN2014 A 20140808; JP 2014558138 A 20130225; JP 2017178835 A 20170919; JP 2019220194 A 20191205; JP 2022031874 A 20220302; RU 2014134214 A 20130225; US 201314380434 A 20130225; US 202318097848 A 20230117