

Title (en)

CARDBOARD FILTER FOR CIGARETTES, CIGARETTE AND METHOD FOR MANUFACTURING SAME

Title (de)

KARTONFILTER FÜR ZIGARETTEN, ZIGARETTE UND VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)

FILTRE EN CARTON POUR CIGARETTES, CIGARETTE ET SON PROCÉDÉ DE FABRICATION

Publication

EP 3930490 B1 20230607 (FR)

Application

EP 20706071 A 20200214

Priority

- FR 1901882 A 20190225
- IB 2020051256 W 20200214

Abstract (en)

[origin: US2020268043A1] The invention relates to a cardboard filter (1) for cigarettes, formed by folding, winding and gluing a cardboard strip (2). According to the invention, the cardboard strip (2) is folded to form a central portion (21) having a series of lobes (3, 4, 5, 6, 7) angularly equally distributed around a central axis (22) of the filter (2) and a peripheral portion (23) surrounding the central portion (21), the lobes (3, 4, 5, 6, 7) and the peripheral portion (23) delimiting gas passage channels (24) around the central axis (22).

IPC 8 full level

A24D 3/04 (2006.01); **A24D 3/02** (2006.01)

CPC (source: EP US)

A24D 3/0245 (2013.01 - US); **A24D 3/0275** (2013.01 - EP); **A24D 3/04** (2013.01 - EP US); **A24D 3/10** (2013.01 - US); **A24D 1/045** (2013.01 - US)

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)

US 2020268043 A1 20200827; AR 118166 A1 20210922; EP 3930490 A1 20220105; EP 3930490 B1 20230607; ES 2954759 T3 20231124; FR 3092969 A1 20200828; FR 3092969 B1 20210212; PL 3930490 T3 20231127; WO 2020174309 A1 20200903

DOCDB simple family (application)

US 202016800138 A 20200225; AR P200100491 A 20200221; EP 20706071 A 20200214; ES 20706071 T 20200214; FR 1901882 A 20190225; IB 2020051256 W 20200214; PL 20706071 T 20200214