

Title (en)

DEVICE FOR APPLYING FLAVOURINGS TO A MEDIUM

Title (de)

VORRICHTUNG ZUM AUFBRINGEN VON AROMASTOFFEN AUF EIN MEDIUM

Title (fr)

DISPOSITIF DESTINÉ À INTRODUIRE DES ARÔMES DANS UN MILIEU

Publication

EP 2780121 A1 20140924 (DE)

Application

EP 12784459 A 20121030

Priority

- DE 102011118354 A 20111114
- EP 2012004530 W 20121030

Abstract (en)

[origin: WO2013072013A1] The invention relates to a device for applying preferably liquid flavourings (15), in particular menthol, to a medium (16), wherein the flavouring (15) can be fed from a (storage or processing) container (10) via at least one conduit (11, 13) to an applicator device (14). The invention is characterised in that the applicator device (14) has a controllable valve for application of the flavouring (15) onto the medium (16).

IPC 8 full level

B05C 5/00 (2006.01); **B05C 5/02** (2006.01); **B05C 11/10** (2006.01)

CPC (source: EP US)

A24C 5/005 (2013.01 - US); **B05C 11/1002** (2013.01 - EP US); **B05C 5/0208** (2013.01 - EP US); **B05C 5/0245** (2013.01 - EP US); **B05C 5/0258** (2013.01 - EP US); **B05C 5/0275** (2013.01 - EP US); **B05C 11/04** (2013.01 - EP US)

Citation (search report)

See references of WO 2013072013A1

Citation (third parties)

Third party :

- EP 2016840 A2 20090121 - KOEHL MASCHB GMBH [DE]
- EP 1699306 A1 20060913 - FOCKE & CO [DE]
- WO 0048907 A1 20000824 - BRITISH AMERICAN TOBACCO CO [GB], et al
- US 5261423 A 19931116 - GAUDLITZ ROBERT T [US], et al
- US 3906893 A 19750923 - SCALES JULIAN THOMAS

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)

DE 102011118354 A1 20130516; CN 104023857 A 20140903; CN 104023857 B 20161019; EP 2780121 A1 20140924; EP 2780121 B1 20180110; ES 2662131 T3 20180405; JP 2014534065 A 20141218; JP 6289374 B2 20180307; US 2015000592 A1 20150101; WO 2013072013 A1 20130523

DOCDB simple family (application)

DE 102011118354 A 20111114; CN 201280064378 A 20121030; EP 12784459 A 20121030; EP 2012004530 W 20121030; ES 12784459 T 20121030; JP 2014540345 A 20121030; US 201214357721 A 20121030