

Title (en)

Aerosol dilution for automatic smoking machine

Title (de)

Aerosol-Auflösung für eine automatische Rauchmaschine

Title (fr)

Dilution d'aérosol pour machine à fumer automatique

Publication

**EP 2586321 A1 20130501 (EN)**

Application

**EP 11008670 A 20111028**

Priority

EP 11008670 A 20111028

Abstract (en)

The present invention relates to an aerosol dilution device for automatic smoking machines, comprising a first channel for an aerosol and a second channel for a dilution gas, in particular air. The first channel and the second channel both release their downstream ends in a third channel, wherein the second channel is arranged around the first channel at the upstream side of the third channel. The invention further relates to a method for diluting a stream of aerosol, in particular provided by a smoking article, with a stream of dilution gas, in particular air, wherein the stream of dilution gas forms a sheath in between a wall of a diluting section and the stream of the aerosol when the streams are joined.

IPC 8 full level

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CPC (source: EP US)

**A24F 40/80** (2020.01 - EP US); **A24F 42/90** (2020.01 - EP US)

Citation (applicant)

US 2010273246 A1 20101028 - FUKANO YASUO [JP], et al

Citation (search report)

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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

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