

Title (en)

CONTROLLED MOISTURE RELEASE HUMIDIFIER FOR USE WITH TOBACCO PRODUCTS

Title (de)

BEFEUCHTER MIT GESTEUERTER FEUCHTIGKEITSFREISETZUNG FÜR TABAKPRODUKTE

Title (fr)

HUMIDIFICATEUR À LIBÉRATION D'HUMIDITÉ CONTRÔLÉE UTILISÉ AVEC DES PRODUITS À BASE DE TABAC

Publication

EP 2155007 A1 20100224 (EN)

Application

EP 08760228 A 20080529

Priority

- EP 2008056637 W 20080529
- GB 0710784 A 20070605

Abstract (en)

[origin: WO2008148701A1] A humidifier for use with tobacco products comprises a gel body comprising a continuous porous network of particles supporting a volume of moisturising liquid, the gel body configured to release the liquid by evaporation at a predetermined rate, and a permeable layer enclosing the gel body through which the evaporated liquid may pass. The gel can be engineered to give an evaporation rate and hence moisture delivery rate that is suitable for a particular tobacco hydrating requirement. Examples of useful gels include alginates and pectins. Additional modifying substances such as salts can also be included for further tailoring of the evaporation rate.

IPC 8 full level

A24F 25/02 (2006.01)

CPC (source: EP)

A24F 25/02 (2013.01); **A61L 9/048** (2013.01); **B65D 85/1081** (2013.01)

Citation (search report)

See references of WO 2008148701A1

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

WO 2008148701 A1 20081211; AU 2008258677 A1 20081211; AU 2008258677 B2 20130509; BR PI0812329 A2 20150127; CA 2687345 A1 20081211; EP 2155007 A1 20100224; GB 0710784 D0 20070718; NZ 581196 A 20121026

DOCDB simple family (application)

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