

Title (en)

VAPORATOR WITH A PERMEABLE ELECTRICAL HEAT-RESISTANT FILM AND A VAPORISATION MEMBRANE

Title (de)

VERDAMPFERVORRICHTUNG MIT PERMEABLER ELEKTRISCHER HEIZWIDERSTANDSFOLIE UND EINER VERDAMPFERMEMBRANE

Title (fr)

VAPORISATEUR AVEC UN FILM PERMÉABLE ÉLECTRIQUE À RÉSISTANCE CHAUFFANTE ET UNE MEMBRANE ÉVAPORATRICE

Publication

EP 2760302 A2 20140806 (DE)

Application

EP 12777874 A 20120927

Priority

- EP 11183197 A 20110928
- EP 2012069135 W 20120927
- EP 12777874 A 20120927

Abstract (en)

[origin: EP2574247A1] The device has a heating resistor (1) designed in the form of a metallic film or thin sheet e.g. double spiral (101) and/or wavy line with two ends. Intermediate spaces of the double spiral and/or wavy line are open and permeable to flowing fluids. Contact plates (13) are made from metallic film or thin sheet and connected with respective ends of the double spiral and/or wavy line. The contact plates are not directly connected with one another. The heating resistor is covered with an insulation layer that is made from polyimide, micanite or silicone. An independent claim is also included for an evaporation device.

IPC 8 full level

A24F 40/46 (2020.01); **A24F 40/485** (2020.01); **A24F 40/50** (2020.01); **H05B 3/22** (2006.01); **H05B 3/26** (2006.01); **A24F 40/10** (2020.01)

CPC (source: EP KR US)

A24F 40/46 (2020.01 - EP KR US); **A24F 40/485** (2020.01 - EP KR US); **A24F 40/50** (2020.01 - EP US); **H05B 3/26** (2013.01 - EP KR US); **A24F 40/10** (2020.01 - EP US); **H05B 2203/013** (2013.01 - EP KR US)

Citation (search report)

See references of WO 2013045582A2

Cited by

DE102018120392A1; DE102018120392B4; DE102022126973A1; DE102022126973B4

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