

Title (en)
DEVICE FOR GENERATING FOG AND OPERATING METHOD OF SUCH DEVICE

Title (de)
VORRICHTUNG ZUR ERZEUGUNG VON NEBEL UND BETRIEBSVERFAHREN SOLCH EINER VORRICHTUNG

Title (fr)
DISPOSITIF DE GÉNÉRATION DE BROUILLARD ET PROCÉDÉ DE FONCTIONNEMENT D'UN TEL DISPOSITIF

Publication
EP 3443263 A1 20190220 (EN)

Application
EP 17721218 A 20170324

Priority
• IT UA20162466 A 20160411
• IT 2017000059 W 20170324

Abstract (en)
[origin: WO2017179080A1] A device for generating fog (1) is described, comprising at least one heat exchanger (10) electrically heated to be able to vaporize at least one pressurized fluid, pressurizing means (20) to be able to send the fluid from at least one tank (30) towards the heat exchanger (10), at least one electronic unit (40) to control the temperature of the heat exchanger (10) and the operation of the pressurizing means (20), wherein the heat exchanger (10) comprises tubular elements in contact with the pressurized fluid, each tubular element being subjected to an electric potential difference to thermally control the pressurized fluid before and during the vaporizing step of the pressurized fluid. An operating method to allow optimizing heating times and maximizing thermal power transferred to a fluid of a device for generating fog (1) is also described.

IPC 8 full level
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CPC (source: EP)
F22B 1/282 (2013.01); **F41H 9/06** (2013.01)

Citation (search report)
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