

Title (en)
SELF CLEANING HEAT EXCHANGER DEVICE

Title (de)
SELBSTREINIGENDE WÄRMETAUSCHERVORRICHTUNG

Title (fr)
DISPOSITIF D'ÉCHANGEUR THERMIQUE AUTONETTOYANT

Publication
EP 2742307 A1 20140618 (EN)

Application
EP 11743055 A 20110808

Priority
EP 2011063590 W 20110808

Abstract (en)
[origin: WO2013020579A1] A self cleaning heat exchanger device (2a; 2b) comprises at least one heat exchanger (4) having an air inlet side (5a) and an air outlet side (5b); at least one fan (6a, 6b, 6c) arranged adjacent the air outlet side (5b) of the heat exchanger (4) and configured for sucking air through the at least one heat exchanger (4); and at least one cleaning fluid dispensing member (81-89; 91-93) being arranged between the air outlet side (5b) of the at least one heat exchanger (4) and the at least one fan (6a, 6b, 6c). The at least one cleaning fluid dispensing member (81-89; 91-93) comprises at least one fluid dispensing opening (10) which is configured for dispensing a cleaning fluid onto the at least one heat exchanger (4), in particular onto the air outlet side (5b) of the at least one heat exchanger (4) and which extends along and is rotatable around an axis that extends substantially parallel to the air outlet side (5b) of the at least one heat exchanger (4) in order to distribute the cleaning fluid over the at least one heat exchanger (4), in particular over the air outlet side (5b) of the at least one heat exchanger (4).

IPC 8 full level
F28G 3/16 (2006.01); **F28G 9/00** (2006.01)

CPC (source: EP)
F28G 3/166 (2013.01); **F28G 9/00** (2013.01); **F24F 2221/22** (2013.01); **F28G 15/04** (2013.01)

Citation (search report)
See references of WO 2013020579A1

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