

Title (en)
HEAT PUMP SYSTEM

Title (de)
WÄRMEPUMPENSYSTEM

Title (fr)
SYSTEME DE POMPE A CHALEUR

Publication
EP 3128252 A1 20170208 (EN)

Application
EP 15180162 A 20150807

Priority
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Abstract (en)
The present invention discloses a heat pump system including a casing defining an air inlet, a refrigerant circuit disposed in the casing and having an evaporator heat exchanger for vaporizing refrigerant, a fan associated with the evaporator heat exchanger adapted for being operable to introduce air into the casing via the air inlet and further passes through the evaporator heat exchanger, and an internal air directing means. The air directing means is disposed between the air inlet and the evaporator heat exchanger. In this way, the air flow introduced into the casing can reach the evaporator heat exchanger without contacting components within the space where the air directing means is positioned, thereby reducing the possibility of explosion caused by electrostatic charges and/or heat losses.

IPC 8 full level
F24H 4/04 (2006.01); **F24F 1/032** (2019.01); **F24H 9/00** (2006.01)

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Citation (search report)
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