

Title (en)
Aerodynamic device

Title (de)
Lufttechnische Einrichtung

Title (fr)
Dispositif d'aération

Publication
EP 2148144 B1 20171011 (DE)

Application
EP 09008435 A 20090629

Priority
DE 102008034905 A 20080726

Abstract (en)
[origin: EP2148144A1] The device (1) has a housing (9) including an air inlet zone (21) and an air outlet zone (22). A cross flow fan (24) including an impeller (37) and a rotator (40), and a heat exchanger (23) are provided in the housing. The cross flow fan and the heat exchanger are adjacently arranged at a distance from each other such that a front side (31) of the heat exchanger is attached to the cross flow fan and a ratio of a diameter (D) of the impeller of the cross flow fan relative to a height (H) of the housing is greater than or equal to 0.6.

IPC 8 full level
F24F 1/005 (2019.01); **F24F 1/0063** (2019.01); **F24F 13/00** (2006.01)

CPC (source: EP US)
F24F 1/0025 (2013.01 - EP); **F24F 1/005** (2019.01 - EP US); **F24F 1/0063** (2019.01 - EP US); **F24F 13/00** (2013.01 - EP)

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