

Title (en)

Electrical component box and air conditioner having same

Title (de)

Kasten für elektrische Bauteile und Klimaanlage damit

Title (fr)

BOÎTIER DE COMPOSANT ÉLECTRIQUE ET APPAREIL DE CONDITIONNEMENT D'AIR FOURNI AVEC LEDIT BOÎTIER

Publication

EP 2146151 B1 20181017 (EN)

Application

EP 08738453 A 20080401

Priority

- JP 2008000841 W 20080401
- JP 2007101528 A 20070409

Abstract (en)

[origin: EP2146151A1] An electrical component box for an air conditioner that includes a compressor and a cooling fan separated from each other by a partition plate. The electrical component box includes a first control substrate having an exothermic element mounted thereon, a first substrate holder disposed above the partition plate to hold the first control substrate, a second control substrate having a non-exothermic element and disposed generally perpendicular to the first control substrate or generally horizontally, a second substrate holder for holding the second control substrate, and a set of radiating fins mounted on the first control substrate so as to protrude therefrom on a fan side with respect to the partition plate.

IPC 8 full level

F24F 1/24 (2011.01); **F24F 1/22** (2011.01)

CPC (source: EP)

F24F 1/22 (2013.01); **F24F 1/24** (2013.01); **F24F 1/46** (2013.01)

Cited by

JP2012159224A; US2019024911A1; EP2985537A1; CN112789449A; US11339977B2; US10746418B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

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EP 08738453 A 20080401; CN 200880010970 A 20080401; JP 2008000841 W 20080401; JP 2009508907 A 20080401; MY PI20094197 A 20080401