

Title (en)

Control circuit for an air conditioner

Title (de)

Steuerschaltung für eine Klimaanlage

Title (fr)

Circuit de commande pour un dispositif de conditionnement d'air

Publication

EP 1158253 B1 20070124 (EN)

Application

EP 01109518 A 20010417

Priority

- JP 2000151377 A 20000523
- JP 2000178435 A 20000614

Abstract (en)

[origin: EP1158253A2] A PTC thermistor (24d) is used in a communication circuit. When AC power source (10) has been erroneously supplied to the communication circuit, the PTC thermistor (24d) is self-heated instantaneously by an over-current and changes its resistance from a few OMEGA to a few M OMEGA so as to cut off the over-current to the communication circuit, thereby to protect the communication circuit. <IMAGE>

IPC 8 full level

F24F 11/00 (2006.01)

CPC (source: EP US)

F24F 11/30 (2017.12 - EP); **F24F 11/32** (2017.12 - EP US); **F24F 11/52** (2017.12 - EP)

Cited by

CN114234549A; EP2042819A3; US7848852B2; EP1830138A4; EP3779298A4; WO2006057221A1; US8249750B2; EP3399637B1

Designated contracting state (EPC)

ES IT

DOCDB simple family (publication)

EP 1158253 A2 20011128; **EP 1158253 A3 20030205**; **EP 1158253 B1 20070124**; AU 2489201 A 20011213; AU 753916 B2 20021031; AU 753916 C 20051222; ES 2276725 T3 20070701

DOCDB simple family (application)

EP 01109518 A 20010417; AU 2489201 A 20010306; ES 01109518 T 20010417