

Title (en)

Air conditioning system with operation restriction of local controller via remote controller and authentication unit

Title (de)

Klimaanlagensystem mit zentral gesteuerter Bedienungseinschränkung am Raumgerät und Authentifizierung

Title (fr)

Système de climatisation avec manipulation réductible au controle locale et authentification d'utilisateur

Publication

EP 2031318 A1 20090304 (EN)

Application

EP 08251715 A 20080515

Priority

KR 20070088496 A 20070831

Abstract (en)

A remote controller (315, 511), and (517) can restrict the operation and manipulation of a local controller (110, 310, 410, 511, 512), and (517), or the local controller itself can be manipulated so as to restrict operation and manipulation. Accordingly, it is possible to prevent a certain user from manipulating the operation settings of an air conditioner (110, 340), and (540) at his or her own will.

IPC 8 full level

F24F 11/00 (2006.01)

CPC (source: EP KR US)

F24F 11/30 (2017.12 - EP); **F24F 11/52** (2017.12 - KR); **F24F 11/54** (2017.12 - EP KR US); **F24F 11/56** (2017.12 - KR);
F24F 11/56 (2017.12 - EP); **F24F 2221/32** (2013.01 - KR)

Citation (applicant)

- US 5682949 A 19971104 - RATCLIFFE EDWARD L [CA], et al
- US 7028912 B1 20060418 - ROSEN HOWARD [CA]
- EP 1327832 A1 20030716 - DAIKIN IND LTD [JP]

Citation (search report)

- [XY] US 5682949 A 19971104 - RATCLIFFE EDWARD L [CA], et al
- [Y] US 7028912 B1 20060418 - ROSEN HOWARD [CA]
- [Y] EP 1327832 A1 20030716 - DAIKIN IND LTD [JP]
- [A] US 5279458 A 19940118 - DEWOLF THOMAS L [US], et al

Cited by

JP2014214892A; JP2018162946A; CN102589091A; EP3018424A1; JP2016080273A; EP2253894A3; JP2014127065A; JP2018162926A

Designated contracting state (EPC)

ES FR IT

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2031318 A1 20090304; **EP 2031318 B1 20171108**; CN 101377330 A 20090304; CN 101377330 B 20101208; ES 2648982 T3 20180109;
KR 101318355 B1 20131015; KR 20090022846 A 20090304

DOCDB simple family (application)

EP 08251715 A 20080515; CN 200810097728 A 20080523; ES 08251715 T 20080515; KR 20070088496 A 20070831