

Title (en)
AIR CONDITIONER

Title (de)
KLIMAANLAGE

Title (fr)
CLIMATISEUR

Publication
EP 2060857 A1 20090520 (EN)

Application
EP 07806197 A 20070829

Priority
• JP 2007066720 W 20070829
• JP 2006243236 A 20060907

Abstract (en)
A control unit 101 installed in an indoor unit 10 makes a thermopile 11 scan, allows it to scan a temperature detection covering range so as to overlap a partial region of the temperature detection range of the thermopile 11 and allows it to detect temperatures in a state with the partial region overlapped. Or the control unit 101 allows multiple thermopiles 11 to obtain temperature information in the temperature detection covering range at one time in such a manner that partial regions of the temperature detection ranges of the multiple thermopiles 11 are overlapped. The control unit 101 obtains temperature information by continuously or periodically carrying out the temperature detection, and based on the time variation of temperature information obtained, determines that a human exists when the variation exceeds the human body detection threshold value and determines where the human exists. Furthermore, based on the human body detection information, the control unit 101 increases a human body existence value, and decrease the human body existence value when the human body is not detected. When a human body existence value becomes less than the absence determination threshold value, the control unit 101 determines the absence of a human body only at a place where motion was detected last time.

IPC 8 full level
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CPC (source: EP US)
F24F 11/30 (2017.12 - EP); **F24F 11/46** (2017.12 - EP US); **F24F 11/64** (2017.12 - EP US); **F24F 2110/10** (2017.12 - EP); **F24F 2120/10** (2017.12 - EP US); **F24F 2120/12** (2017.12 - EP)

Cited by
EP2941008A4; GB2544072A; GB2544072B; EP3040697A4; GB2519769A; GB2519769B; AU2019430531B2; US11047589B2; US9200813B2; US9795005B2; US10641660B2; US11802711B2; US12007136B2; US10053052B2

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ES IT

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AL BA HR MK RS

DOCDB simple family (publication)
EP 2060857 A1 20090520; **EP 2060857 A4 20120125**; **EP 2060857 B1 20190109**; CN 101490479 A 20090722; CN 101490479 B 20101215; JP 2011208936 A 20111020; JP 4859926 B2 20120125; JP 5452550 B2 20140326; JP WO2008029679 A1 20100121; WO 2008029679 A1 20080313

DOCDB simple family (application)
EP 07806197 A 20070829; CN 200780025899 A 20070829; JP 2007066720 W 20070829; JP 2008533112 A 20070829; JP 2011140319 A 20110624