

Title (en)  
MONITORING SYSTEM FOR AIR CONDITIONER

Title (de)  
ÜBERWACHUNGSSYSTEM FÜR EINE KLIMAAANLAGE

Title (fr)  
SYSTÈME DE CONTRÔLE POUR CLIMATISEUR

Publication  
**EP 2180270 A1 20100428 (EN)**

Application  
**EP 08790383 A 20080805**

Priority  
• JP 2008002119 W 20080805  
• JP 2007209992 A 20070810

Abstract (en)  
An air conditioner monitoring system includes: a plurality of air conditioners (10) each including a refrigerant circuit (11) for performing a vapor compression refrigeration cycle; a local controller (60) provided for each of sets of several ones of the air conditioners (10) for receiving data output by the each of sets of several ones of the air conditioners (10), and transmitting predetermined operation data; and a host controller (70) for receiving the operation data of the plurality of air conditioners (10) transmitted by the local controllers (60) through communication lines (53). The host controller (70) calculates air conditioning capability and power consumption of each of the air conditioners (10) in the each of sets of several ones of the air conditioners (10), and calculates energy utilization efficiency of each of the air conditioners (10).

IPC 8 full level  
**F24F 11/02** (2006.01)

CPC (source: EP US)  
**F24F 11/30** (2017.12 - EP US); **F24F 11/46** (2017.12 - EP US); **F24F 11/54** (2017.12 - EP US); **F24F 11/47** (2017.12 - EP US)

Citation (search report)  
See references of WO 2009022453A1

Cited by  
AU2014229103B2; US10558229B2; US10458404B2; US9823632B2; US9651286B2; US9762168B2; WO2014144446A1; US9638436B2; US10274945B2; US9876346B2; US10352602B2; US9703287B2; US10234854B2; US10884403B2; US9765979B2; US10060636B2; US10443863B2; US9669498B2; US9803902B2; US9885507B2; US10335906B2; US10488090B2; US10775084B2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
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DOCDB simple family (application)  
**EP 08790383 A 20080805**; AU 2008288065 A 20080805; CN 200880102637 A 20080805; JP 2008002119 W 20080805; JP 2008202067 A 20080805; US 67282908 A 20080805