

Title (en)  
DUCT-TYPE AIR CONDITIONING SYSTEM

Title (de)  
KANALKLIMAANLAGE

Title (fr)  
SYSTÈME DE CLIMATISATION DE TYPE CONDUIT

Publication  
**EP 3059517 A1 20160824 (EN)**

Application  
**EP 14898359 A 20141119**

Priority  
JP 2014080647 W 20141119

Abstract (en)  
To provide a duct-type air conditioning system including a plurality of dampers 9-1, 9-2, and 9-3 respectively provided in a plurality of duct bifurcation areas 7-1, 7-2, and 7-3, which are provided corresponding to a plurality air-conditioned spaces 10-1, 10-2, and 10-3 supplied with conditioned air from an air conditioner, to bring an air trunk in each of the duct bifurcation areas 7-1, 7-2, and 7-3 into an opened state or closed state individually, a plurality of outlets 8-1, 8-2, and 8-3, and a control device 4. The control device 4 includes a controlled air-volume calculation unit that calculates a controlled air volume 48a for controlling an air volume of an indoor unit 2, based on an opening ratio, which is a ratio of the sum of numbers or areas of opened outlets provided in the duct 7-1 or 7-2 having the damper 9-1 or 9-2 in an opened state with respect to the sum of numbers or areas of the outlets 8-1, 8-2, and 8-3 respectively provided in the air-conditioned spaces 10-1, 10-2, and 10-3, and a temperature difference between a target temperature and a temperature measured in the air-conditioned spaces 10-1 and 10-2 where the opened outlet is present, when the air conditioner performs automatic air volume adjustment.

IPC 8 full level  
**F24F 3/00** (2006.01); **F24F 11/00** (2006.01); **F24F 11/76** (2018.01); **F24F 13/08** (2006.01); **F24F 13/10** (2006.01)

CPC (source: EP US)  
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Cited by  
CN106382723A; CN109028470A; CN108800470A; EP3505835A1; US2018292103A1

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AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
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