

Title (en)
SYSTEM, METHOD, AND APPARATUS FOR BALANCING AN HVAC SYSTEM

Title (de)
SYSTEM, VERFAHREN UND VORRICHTUNG ZUM AUSGLEICHEN EINES HLK-SYSTEMS

Title (fr)
SYSTÈME, PROCÉDÉ ET APPAREIL D'ÉQUILIBRAGE DE SYSTÈME CVC

Publication
EP 3394696 B1 20221019 (EN)

Application
EP 15825719 A 20151221

Priority
US 2015067046 W 20151221

Abstract (en)
[origin: WO2017111896A1] A method and apparatus for balancing terminals of an HVAC system uses an air flow measuring device by inputting into a computer processing portion of the air flow measuring device predetermined target flows for each terminal; acquiring via the air flow measuring device initially measured air flows through each of the terminals, the initially measured air flows being provided to the computer processing portion; and adjusting the terminals in the HVAC system to flow set points according to instructions from the computer processing portion, the computer processing portion being programmed to calculate the flow set point for each terminal given current HVAC system load conditions, that will result in all terminals being set to target flow after all terminals have been adjusted as instructed.

IPC 8 full level
F24F 11/74 (2018.01)

CPC (source: EP)
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Citation (examination)
JP H04340048 A 19921126 - MITSUBISHI ELECTRIC CORP

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WO 2017111896 A1 20170629; BR 112018012517 A2 20181211; BR 112018012517 B1 20231212; CN 108885472 A 20181123; CO 2018006700 A2 20180710; EP 3394696 A1 20181031; EP 3394696 B1 20221019; JP 2019507302 A 20190314; JP 6934874 B2 20210915

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