

Title (en)

AIR CONDITIONING SYSTEM CONTROL DEVICE, AIR CONDITIONING SYSTEM, AIR CONDITIONING CONTROL PROGRAM, AND AIR CONDITIONING SYSTEM CONTROL METHOD

Title (de)

KLIMATISIERUNGSSYSTEMSTEUERUNGSVORRICHTUNG, KLIMATISIERUNGSSYSTEM, KLIMATISIERUNGSTEUERUNGSPROGRAMM UND KLIMATISIERUNGSSYSTEMSTEUERUNGSVERFAHREN

Title (fr)

DISPOSITIF DE COMMANDE DE SYSTÈME DE CONDITIONNEMENT D'AIR, SYSTÈME DE CONDITIONNEMENT D'AIR, PROGRAMME DE COMMANDE DE CONDITIONNEMENT D'AIR, ET PROCÉDÉ DE COMMANDE DE SYSTÈME DE CONDITIONNEMENT D'AIR

Publication

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Application

EP 16768455 A 20160310

Priority

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Abstract (en)

[origin: EP3260792A1] An air conditioning control device controls a multi-split air conditioning system so that the operating pressure of refrigerant remains constant regardless of the indoor load. This air conditioning control device controls the rotational speed of a compressor so that the operating pressure of the refrigerant reaches a predetermined target pressure, and then after this control, controls a pressure ratio, which is the ratio of the high pressure of the refrigerant to the low pressure of the refrigerant, so that compressor efficiency is at an operating point where the efficiency is improved. Thus, the air conditioning control device can reduce compressor power consumption and allow the compressor to operate more efficiently.

IPC 8 full level

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CPC (source: EP)

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