

Title (en)
METHOD FOR CONTROLLING COMPRESSOR OF AIR CONDITIONER

Title (de)
VERFAHREN ZUR STEUERUNG EINES VERDICHTERS IN EINER KLIMAAANLAGE

Title (fr)
PROCÉDÉ DE COMMANDE D'UN COMPRESSEUR DE CLIMATISEUR

Publication
EP 2122263 A4 20110608 (EN)

Application
EP 08723021 A 20080220

Priority
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Abstract (en)
[origin: WO2008111737A1] Provided is a method for controlling a compressor of an air conditioner. A constant-speed compressor and an inverter compressor are provided in an outdoor unit, and a plurality of indoor units are connected to the outdoor unit. The constant-speed compressor is driven at a proper time by rapidly detecting a case where the inverter compressor reaches the maximum frequency but fails to satisfy a target pressure.

IPC 8 full level
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Citation (search report)
• [I] EP 1693634 A1 20060823 - LG ELECTRONICS INC [KR]
• [I] WO 03046444 A1 20030605 - SAMSUNG ELECTRONICS CO LTD [KR], et al
• [I] US 2003230098 A1 20031218 - MOON JE-MYOUNG [KR], et al
• [A] US 4810943 A 19890307 - KAWAGUCHI YASUTSUGU [JP], et al
• [A] EP 1610070 A1 20051228 - TOSHIBA CARRIER CORP [JP]
• See references of WO 2008111737A1

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KR 20080083895 A 20080919

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