

Title (en)
REFRIGERATING/AIR CONDITIONING SYSTEM HAVING REFRIGERANT LEAKAGE DETECTING FUNCTION, REFRIGERATOR/AIR
CONDITIONER AND METHOD FOR DETECTING LEAKAGE OF REFRIGERANT

Title (de)
KÜHL-/LUFTKLIMATISIERUNGSSYSTEM MIT KÄLTEMITTELLECKAGEERFASSUNGSFUNKTION, KÜHLVORRICHTUNG/KLIMAANLAGE UND
VERFAHREN ZUR ERFASSUNG VON KÄLTEMITTELLECKAGE

Title (fr)
SYSTÈME DE RÉFRIGÉRATION/DE CLIMATISATION DE L'AIR AYANT UNE FONCTION DE DÉTECTION DE FUITE DE RÉFRIGÉRANT,
RÉFRIGÉRATEUR/CLIMATISEUR D'AIR ET PROCÉDÉ DE DÉTECTION D'UNE FUITE DE RÉFRIGÉRANT

Publication
EP 1970651 A4 20120822 (EN)

Application
EP 06810364 A 20060921

Priority
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Abstract (en)
[origin: EP1970651A1] A refrigerating air-conditioning system and a method for detecting a refrigerant leakage capable of automatically detecting a slight refrigerant leakage, while performing an air-conditioning operation, regardless of an environmental condition or installation condition, is provided. Accordingly, a judging means for judging the refrigerant leakage of a refrigerating cycle on the basis of a past data relating to a past refrigerant volume of the refrigerating cycle at a past time point and a new data relating to the refrigerant volume at a time point after performing a plurality of times of stopping and starting up operations of the refrigerating cycle since the past time point, is provided in the refrigerating air-conditioning system constituting a refrigerating cycle by connecting an outdoor unit including a compressor, an outdoor heat exchanger, and a throttling device, and one or a plurality of indoor units each including an indoor heat exchanger and a throttling device with communication piping.

IPC 8 full level
F25B 49/00 (2006.01)

CPC (source: EP)
F25B 49/005 (2013.01); **F25B 2500/222** (2013.01); **F25B 2600/01** (2013.01)

Citation (search report)

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