

Title (en)
REFRIGERATING CYCLE APPARATUS, AND AIR-CONDITIONING APPARATUS

Title (de)
KÄLTEZYKLUSVORRICHTUNG UND KLIMAAANLAGE

Title (fr)
APPAREIL A CYCLE DE REFRIGERATION, ET CLIMATISEUR

Publication
EP 2312241 A4 20160224 (EN)

Application
EP 09770035 A 20090612

Priority
• JP 2009060790 W 20090612
• JP 2008164655 A 20080624

Abstract (en)
[origin: EP2312241A1] A compressor 1 for compressing a refrigerant containing a hydrofluoroolefin refrigerant, a condenser 2 for condensing the refrigerant by heat exchange, a throttle device 4 for decompressing the condensed refrigerant, an evaporator 5 for evaporating the refrigerant by heat exchange between the decompressed refrigerant and air, and air adsorbing means 3 for adsorbing oxygen and nitrogen are connected by piping so as to configure a refrigerant circuit through which the refrigerant containing the hydrofluoroolefin refrigerant is circulated.

IPC 8 full level
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CPC (source: EP US)
F25B 43/003 (2013.01 - EP US); **F25B 43/043** (2013.01 - EP US); **F25B 2500/01** (2013.01 - EP US)

Citation (search report)
• [XDY] JP 2007315663 A 20071206 - SANDEN CORP
• [Y] JP H07159004 A 19950620 - HITACHI LTD
• [YA] JP H07294065 A 19951110 - MATSUSHITA REFRIGERATION
• See references of WO 2009157325A1

Cited by
EP3404342A4; EP4435348A1; US11913693B2; US11976860B2; WO2020117592A1; US11686515B2; US11911724B2; EP3504487A1

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DOCDB simple family (application)
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