

Title (en)
REFRIGERATING CYCLE DEVICE

Title (de)
VORRICHTUNG MIT KÄLTEKREISLAUF

Title (fr)
DISPOSITIF A CYCLE DE REFRIGERATION

Publication
EP 1288594 A4 20080409 (EN)

Application
EP 01936860 A 20010605

Priority
• JP 0104755 W 20010605
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Abstract (en)
[origin: EP1288594A1] A refrigerating cycle system of the present invention uses a hydrocarbon refrigerant, and lubricating oil that does not include silicone. Also, the refrigerating cycle system of the present invention includes a detachable sensor section which detects the leakage of the hydrocarbon refrigerant. Even when the gas detecting sensor becomes unusable, the refrigerating cycle system can be safely used by replacing the gas detecting sensor with new one. Further, the refrigerating cycle system of the present invention is provided with silicone removing filters or sulfur compound removing filters in the sensor section. Also, the refrigerating cycle system of the present invention is provided with one of infrared type, hydrogen flame ionization type, and optical interference type sensors. By using the refrigerating cycle system of the present invention, it is possible to provide an inexpensive refrigerating cycle system which is environment-friendly and excellent in safety. <IMAGE>

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IPC 8 full level
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Citation (search report)
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• [A] EP 0756142 A2 19970129 - HITACHI LTD [JP]
• [A] JP 2000136395 A 20000516 - SANYO ELECTRIC CO
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• [PA] GRANRYD E: "Full length article", INTERNATIONAL JOURNAL OF REFRIGERATION, OXFORD, GB, vol. 24, no. 1, January 2001 (2001-01-01), pages 15 - 24, XP004287373, ISSN: 0140-7007
• See references of WO 0194863A1

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