

Title (en)
REFRIGERATING APPARATUS

Title (de)
KÜHLVORRICHTUNG

Title (fr)
APPAREIL DE RÉFRIGÉRATION

Publication
EP 1795833 A4 20141224 (EN)

Application
EP 05782353 A 20050909

Priority
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• JP 2004262176 A 20040909

Abstract (en)
[origin: EP1795833A1] A refrigeration apparatus having a refrigerant circuit (20) for performing a vapor compression refrigeration cycle is disclosed. Refrigerant in a wet state, which provides an optimum coefficient of performance (COP) for a present operating condition, is drawn into the compressor (31). If the operating condition changes, the opening of an expansion valve (23) is adjusted such that the suction refrigerant of the compressor (31) is brought into a wet state which provides an optimum coefficient of performance for a new operating condition.

IPC 8 full level
F25B 1/00 (2006.01); **F25B 11/02** (2006.01); **F25B 13/00** (2006.01); **F25B 43/00** (2006.01)

CPC (source: EP KR US)
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