

Title (en)

REFRIGERATION CIRCUIT WITH IMPROVED LIQUID/VAPOUR RECEIVER

Title (de)

KÄLTEKREISLAUF MIT VERBESSERTEM FLÜSSIGKEITS-/DAMPFEMPFAÑGER

Title (fr)

CIRCUIT DE RÉFRIGÉRATION AVEC RÉCEPTEUR AMÉLIORÉ DE LIQUIDE/VAPEUR

Publication

EP 1848934 B1 20160914 (EN)

Application

EP 05723391 A 20050218

Priority

US 2005005411 W 20050218

Abstract (en)

[origin: WO2006091190A1] Refrigeration circuit comprising a compressor, a heat-rejecting heat exchanger an expansion valve, a receiver (3), and a further expansion valve/evaporator to provide cooling. A second heat exchanger (24) is arranged in an upper gas portion of the receiver and/or a third heat exchanger (34) is arranged in a lower liquid portion of the receiver. A better liquid/vapour separation of the refrigerant and/or sub-cooling of the liquid refrigerant are achieved.

IPC 8 full level

F25B 40/02 (2006.01)

CPC (source: EP US)

F25B 9/008 (2013.01 - EP US); **F25B 40/02** (2013.01 - EP US); **F25B 41/39** (2021.01 - EP); **F25B 1/10** (2013.01 - EP US); **F25B 41/39** (2021.01 - US); **F25B 2309/061** (2013.01 - EP US); **F25B 2400/053** (2013.01 - EP US); **F25B 2400/075** (2013.01 - EP US); **F25B 2400/13** (2013.01 - EP US); **F25B 2400/23** (2013.01 - EP US)

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