

Title (en)
DUAL TEMPERATURE REFRIGERATION CIRCUIT

Title (de)
ZWEITEMPERATURKÄLTEKREISLAUF

Title (fr)
CIRCUIT DE REFRIGERATION A DEUX TEMPERATURES

Publication
EP 1957888 B1 20090812 (EN)

Application
EP 05816391 A 20051104

Priority
US 2005040047 W 20051104

Abstract (en)
[origin: WO2007053149A1] Combined medium and low temperature refrigeration circuit (2) for circulating a refrigerant in a predetermined flow direction, comprising in flow direction (a) a heat-rejecting heat exchanger (4); (b) a medium temperature refrigeration consumer (6); (c) a medium pressure vapor separator (8) having a vapor portion (36) and a liquid portion (38) connected to the medium temperature refrigeration consumer unit; (d) a low temperature refrigeration consumer (14) connected to the liquid portion (38) of the medium pressure vapor separator (8); and (e) a compressor unit (16) having an inlet () connected to the vapor portion (36) of the medium pressure vapor separator (8) and the low temperature refrigeration consumer (14).

IPC 8 full level
F25B 1/10 (2006.01); **F25B 5/04** (2006.01); **F25B 9/00** (2006.01)

CPC (source: EP US)
F25B 1/10 (2013.01 - EP US); **F25B 5/04** (2013.01 - EP US); **F25B 9/008** (2013.01 - EP US); **F25B 41/39** (2021.01 - EP); **F25B 41/39** (2021.01 - US); **F25B 2309/061** (2013.01 - EP US); **F25B 2400/075** (2013.01 - EP US); **F25B 2400/13** (2013.01 - EP US); **F25B 2400/22** (2013.01 - EP US); **F25B 2400/23** (2013.01 - EP US)

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