

Title (en)
Refrigeration system

Title (de)
Kälteanlage

Title (fr)
Installation de refroidissement

Publication
EP 1914491 B1 20240117 (DE)

Application
EP 07020003 A 20071012

Priority
DE 102006050232 A 20061017

Abstract (en)
[origin: DE102006050232B3] The system has a cooling medium compressor unit (12) that is arranged in a cooling medium circuit (10) and compresses the cooling medium to high pressure. A refrigeration stage has an refrigerated expansion cooling device (62) that is cooled in an active condition of an overall mass flow. A refrigerated main mass flow (TH) is guided to a refrigeration expansion unit, and a refrigerated additional mass flow (TZ) is generated.

IPC 8 full level
F25B 1/10 (2006.01); **F25B 5/02** (2006.01); **F25B 9/00** (2006.01); **F25B 40/00** (2006.01)

CPC (source: EP US)
F25B 9/008 (2013.01 - EP US); **F25B 1/10** (2013.01 - EP US); **F25B 5/02** (2013.01 - EP US); **F25B 40/00** (2013.01 - EP 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)

Cited by
WO2011054396A1; WO2012095186A1

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DE 102006050232 B3 20080207; **DE 102006050232 B9 20080918**; CN 101165439 A 20080423; CN 101165439 B 20121010; EP 1914491 A2 20080423; EP 1914491 A3 20110105; EP 1914491 B1 20240117; US 2008110200 A1 20080515; US 8056356 B2 20111115

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