

Title (en)

EVAPORATION PROCESS CONTROL FOR USE IN REFRIGERATION TECHNOLOGY

Title (de)

VERDAMPFUNGSPROZESSSTEUERUNG IN DER KÄLTETECHNIK

Title (fr)

SYSTEME DE COMMANDE DE PROCESSUS D'EVAPORATION UTILISE DANS LA TECHNIQUE FRIGORIFIQUE

Publication

**EP 1570215 B1 20071205 (DE)**

Application

**EP 02782599 A 20021211**

Priority

CH 0200685 W 20021211

Abstract (en)

[origin: WO2004053406A1] The invention relates to an evaporator control by means of an expansion valve (3) and an internal heat exchanger IHT (5). The evaporator control is controlled after the start of the evaporation process and the temperature of the compressor suction vapor (14), oil (16) and hot gas (15) as well as coolant liquid is controlled and regulated upstream of the injection valve (11).

IPC 8 full level

**F25B 41/06** (2006.01); **F25B 5/02** (2006.01); **F25B 40/00** (2006.01)

CPC (source: EP US)

**F25B 41/31** (2021.01 - EP US); **F25B 5/02** (2013.01 - EP US); **F25B 40/00** (2013.01 - EP US); **F25B 2341/063** (2013.01 - EP US); **F25B 2400/075** (2013.01 - EP US); **F25B 2600/2513** (2013.01 - EP US); **F25B 2700/1933** (2013.01 - EP US); **F25B 2700/197** (2013.01 - EP US); **F25B 2700/2103** (2013.01 - EP US); **F25B 2700/21151** (2013.01 - EP US); **F25B 2700/21152** (2013.01 - EP US); **F25B 2700/21155** (2013.01 - EP US); **F25B 2700/21174** (2013.01 - EP US); **F25B 2700/21175** (2013.01 - EP US)

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