

Title (en)  
FLASH TANK REFRIGERANT CONTROL

Title (de)  
ENTSPANNUNGSBEHÄLTERKÄLTEMITTELSTEUERUNG

Title (fr)  
CONTRÔLE DE FLUIDE FRIGORIGÈNE DE RÉSERVOIR À VAPORISATION INSTANTANÉE

Publication  
**EP 1971808 A2 20080924 (EN)**

Application  
**EP 06850258 A 20061211**

Priority  

- US 2006061836 W 20061211
- US 75522205 P 20051230
- US 42891306 A 20060706

Abstract (en)  
[origin: US2007151269A1] A control algorithm is provided for controlling an economizer circuit in a chiller system. The control algorithm adjusts the position of a feed valve in the economizer circuit in response to measured system operating parameters to maintain a level of liquid refrigerant in a flash tank of the economizer circuit. The measured system operating parameters can include the load of the compressor and the pressure and temperature of refrigerant in the flash tank.

IPC 8 full level  
**F25B 41/04** (2006.01); **F25B 49/02** (2006.01); **G05D 9/00** (2006.01)

CPC (source: EP KR US)  
**F25B 41/20** (2021.01 - EP US); **F25B 41/24** (2021.01 - EP KR US); **F25B 49/025** (2013.01 - EP KR US); **F25B 2400/13** (2013.01 - EP KR US); **F25B 2400/23** (2013.01 - EP KR US); **F25B 2500/19** (2013.01 - EP KR US); **F25B 2600/0253** (2013.01 - EP KR US); **F25B 2600/23** (2013.01 - EP KR US); **F25B 2600/2509** (2013.01 - EP KR US); **F25B 2700/04** (2013.01 - EP KR US); **F25B 2700/171** (2013.01 - EP KR US); **Y02B 30/70** (2013.01 - EP KR US)

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
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**US 42891306 A 20060706**; CA 2631996 A 20061211; EP 06850258 A 20061211; JP 2008548795 A 20061211; KR 20087015772 A 20080627; TW 95147890 A 20061220; US 2006061836 W 20061211