

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)

Citation (search report)
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