

Title (en)
REFRIGERANT POWERED VALVE FOR A GEOTHERMAL POWER PLANT

Title (de)
KÄLTEMITTELBETRIEBENES VENTIL FÜR EIN GEOTHERMIE-KRAFTWERK

Title (fr)
VANNE MOTORISÉE RÉFRIGÉRANTE POUR UNE CENTRALE ÉLECTRIQUE GÉOTHERMIQUE

Publication
EP 2331815 B1 20150603 (EN)

Application
EP 08821845 A 20080910

Priority
US 2008075819 W 20080910

Abstract (en)
[origin: WO2010030271A1] A vapor expansion system includes a normally closed pneumatic valve between the evaporator and the turbine inlet, with the valve being selectively actuated by the flow of refrigerant vapor from the evaporator so as to enable opening the valve only during periods in which sufficient pressure has built up in the evaporator to properly operate the turbine. A bypass line has a normally open pneumatic valve with an actuator that is similarly caused to operate by pressurized refrigerant vapor from the evaporator. Both actuators are vented to the condenser such that the refrigerant vapor vented from the actuator does not escape to ambient.

IPC 8 full level
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