

Title (en)
NON-VACUUM ABSORPTION REFRIGERATION

Title (de)
ABSORPTIONSKÜHLUNG OHNE VAKUUM

Title (fr)
RÉFRIGÉRATION PAR ABSORPTION SANS VIDE

Publication
EP 2212629 A1 20100804 (EN)

Application
EP 07852808 A 20071016

Priority
US 2007022121 W 20071016

Abstract (en)
[origin: WO2009051583A1] A non-vacuum absorption refrigeration system is disclosed that operates at ambient pressure using membrane distillation to perform evaporator, absorber and boiler and condenser functions. The absence of a vacuum enables the use of low-pressure, non-corrosive piping and vessels that obviate the maintenance requirements associated with vessels and piping that are susceptible to corrosion and also reduces total system weight.

IPC 8 full level
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