

Title (en)

CONDENSATE HEAT TRANSFER FOR TRANSCRITICAL CARBON DIOXIDE REFRIGERATION SYSTEM

Title (de)

KONDENSATWÄRMEÜBERTRAGUNG FÜR TRANSKRITISCHES KOHLENDIOXIDKÜHLSYSTEM

Title (fr)

TRANSFERT THERMIQUE A EAU CONDENSEE POUR SYSTEME DE REFRIGERATION A DIOXYDE DE CARBONE TRANSCRITIQUE

Publication

EP 1963763 A1 20080903 (EN)

Application

EP 05856006 A 20051230

Priority

- US 2005047526 W 20051230
- US 66391205 P 20050318

Abstract (en)

[origin: WO2006101564A1] A bottle cooler system includes means for using atmospheric water condensate from the evaporator to draw heat from the condenser.

IPC 8 full level

F25B 47/00 (2006.01); **B01D 47/00** (2006.01); **B01D 47/16** (2006.01); **F24F 3/14** (2006.01); **F25D 3/02** (2006.01); **F25D 17/04** (2006.01); **F25D 17/06** (2006.01); **F25D 21/14** (2006.01); **F28F 7/00** (2006.01); **F28F 13/12** (2006.01)

CPC (source: EP US)

F25B 9/008 (2013.01 - EP US); **F25D 19/02** (2013.01 - EP US); **F25D 21/14** (2013.01 - EP US); **F25B 6/04** (2013.01 - EP US); **F25B 2339/041** (2013.01 - EP US); **F25B 2339/047** (2013.01 - EP US); **F25D 23/003** (2013.01 - EP US); **F25D 31/007** (2013.01 - EP US); **F25D 2317/0651** (2013.01 - EP US); **F25D 2317/0661** (2013.01 - EP US); **F25D 2321/146** (2013.01 - EP US); **F25D 2321/147** (2013.01 - EP US); **F25D 2323/00264** (2013.01 - EP US); **F25D 2323/00271** (2013.01 - EP US)

Cited by

CN106152589A; CN106152630A; CN106196690A

DOCDB simple family (publication)

WO 2006101564 A1 20060928; CN 100538217 C 20090909; CN 101142453 A 20080312; EP 1963763 A1 20080903; EP 1963763 A4 20100929; HK 1118599 A1 20090213; JP 2008533426 A 20080821; US 2008256974 A1 20081023

DOCDB simple family (application)

US 2005047526 W 20051230; CN 200580049119 A 20051230; EP 05856006 A 20051230; HK 08109820 A 20080904; JP 2008501864 A 20051230; US 90862207 A 20070914