

Title (en)

ABSORPTION REFRIGERATION CYCLES USING A LGWP REFRIGERANT

Title (de)

ABSORPTIONSKÜHLZYKLEN MIT EINEM LGWP-KÜHLMITTEL

Title (fr)

CYCLES DE RÉFRIGÉRATION PAR ABSORPTION UTILISANT UN RÉFRIGÉRANT LGWP

Publication

EP 3243031 A4 20180801 (EN)

Application

EP 16735526 A 20160109

Priority

- US 201562101718 P 20150109
- US 201614991520 A 20160108
- US 2016012763 W 20160109

Abstract (en)

[origin: WO2016112363A1] Absorptive refrigeration methods and systems that comprise refrigerant comprising one or more hydrofluoroolefin and/or hydrochlorofluoroolefins, and a solvent or absorbent selected from the group consisting of a polyalkylene glycol oil, a poly alpha olefin oil, a mineral oil and/or a polyolester oil.

IPC 8 full level

F25B 15/00 (2006.01); **C09K 5/04** (2006.01); **F25B 15/02** (2006.01)

CPC (source: CN EP KR)

C09K 5/047 (2013.01 - CN EP KR); **F25B 9/006** (2013.01 - KR); **F25B 15/02** (2013.01 - CN EP KR); **F25B 27/007** (2013.01 - EP KR); **F25B 2400/121** (2013.01 - EP); **Y02A 30/27** (2017.12 - EP); **Y02B 30/62** (2013.01 - EP); **Y02P 20/10** (2015.11 - EP)

Citation (search report)

- [XY] US 2011232306 A1 20110929 - HULSE RYAN [US], et al
- [IA] US 2009272134 A1 20091105 - HULSE RYAN J [US], et al
- [Y] US 4285211 A 19810825 - CLARK SILAS W
- See references of WO 2016112363A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2016112363 A1 20160714; CN 107407510 A 20171128; EP 3243031 A1 20171115; EP 3243031 A4 20180801; JP 2018507381 A 20180315; KR 20170106646 A 20170921

DOCDB simple family (application)

US 2016012763 W 20160109; CN 201680014576 A 20160109; EP 16735526 A 20160109; JP 2017536303 A 20160109; KR 20177021089 A 20160109