

Title (en)

METHOD AND SYSTEM FOR PROVIDING AUXILIARY REFRIGERATION TO AN AIR SEPARATION PLANT

Title (de)

VERFAHREN UND SYSTEM ZUR BEREITSTELLUNG VON HILFSKÜHLUNG FÜR EINE LUFTZERLEGUNGSANLAGE

Title (fr)

PROCÉDÉ ET SYSTÈME D'APPORT DE RÉFRIGÉRATION AUXILIAIRE À UNE INSTALLATION DE SÉPARATION D'AIR

Publication

EP 3405726 B1 20200624 (EN)

Application

EP 16759960 A 20160826

Priority

- US 201615004210 A 20160122
- US 2016048884 W 20160826

Abstract (en)

[origin: US2017211881A1] A method and system for cryogenic air separation that employs both a primary refrigeration circuit and an auxiliary refrigeration circuit is provided. The auxiliary refrigeration circuit is configured in a manner that it can be easily tied-in or modified to an existing air separation plant.

IPC 8 full level

F25J 3/04 (2006.01)

CPC (source: EP US)

F25J 3/0409 (2013.01 - EP US); **F25J 3/04218** (2013.01 - EP US); **F25J 3/04278** (2013.01 - US); **F25J 3/0429** (2013.01 - EP US);
F25J 3/04296 (2013.01 - EP US); **F25J 3/04303** (2013.01 - EP US); **F25J 3/04381** (2013.01 - EP US); **F25J 3/04393** (2013.01 - EP US);
F25J 3/04412 (2013.01 - EP US); **F25J 3/04678** (2013.01 - EP US); **F25J 3/04812** (2013.01 - EP US); **F25J 3/04969** (2013.01 - EP US);
F25J 2200/20 (2013.01 - EP US); F25J 2205/02 (2013.01 - EP); F25J 2215/40 (2013.01 - EP); F25J 2230/20 (2013.01 - EP US);
F25J 2245/40 (2013.01 - EP US)

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)

US 2017211881 A1 20170727; CN 108474616 A 20180831; CN 108474616 B 20200804; EP 3405726 A1 20181128; EP 3405726 B1 20200624;
WO 2017127136 A1 20170727

DOCDB simple family (application)

US 201615004210 A 20160122; CN 201680078814 A 20160826; EP 16759960 A 20160826; US 2016048884 W 20160826