

Title (en)

Method of operation of a cryogenic air separation unit

Title (de)

Verfahren zum Betrieb einer kryogenen Lufttrennungseinheit

Title (fr)

Procédé de mise en oeuvre d'une unité de séparation d'air cryogénique

Publication

EP 2600089 B1 20140903 (EN)

Application

EP 11306601 A 20111201

Priority

EP 11306601 A 20111201

Abstract (en)

[origin: EP2600089A1] In a process for operating an air separation unit, air to be separated in a cryogenic air separation unit is compressed in one of at least two compressors (MAC1, MAC2), purified, cooled and separated in the air separation unit (19) to produce a fluid product (21) and depending on the temperature of the feed air (3, 5), the degree of humidity of the feed air or the temperature of a cooling water stream (W1, W1', W2, W2'), one of the two compressors is used to provide compressed feed air for the air separation unit.

IPC 8 full level

F25J 3/04 (2006.01)

CPC (source: EP)

F25J 3/04018 (2013.01); **F25J 3/04781** (2013.01); **F25J 3/04812** (2013.01); **F25J 3/04957** (2013.01); **F25J 2205/84** (2013.01); **F25J 2230/02** (2013.01); **F25J 2230/24** (2013.01); **F25J 2230/40** (2013.01)

Cited by

AU2016280678B2; EP3885684A3; US11959702B2; US11486406B2; WO2016202842A1

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)

EP 2600089 A1 20130605; EP 2600089 B1 20140903; JP 2013117371 A 20130613

DOCDB simple family (application)

EP 11306601 A 20111201; JP 2012262485 A 20121130