

Title (en)

DEVICE FOR EVAPORATING CRYOGENS, AND METHOD FOR DEFROSTING AN EVAPORATION UNIT HAVING SUCH A DEVICE

Title (de)

VORRICHTUNG ZUM VERDAMPFEN VON CRYOGENEN UND VERFAREN ZUM ABTAUEN EINER VERDAMPFEREINHEIT EINER SOLCHEN VORRICHTUNG

Title (fr)

DISPOSITIF D'ÉVAPORATION DE MILIEUX CRYOGÈNES, ET PROCÉDÉ DE DÉGIVRAGE D'UNE UNITÉ D'ÉVAPORATION D'UN TEL DISPOSITIF

Publication

EP 2122227 A2 20091125 (DE)

Application

EP 08707067 A 20080116

Priority

- EP 2008000300 W 20080116
- DE 102007008534 A 20070221

Abstract (en)

[origin: WO2008101569A2] The invention relates to a device for evaporating cryogenic media, and to a method for defrosting an evaporation unit of such a device. The device comprises at least two evaporation units, lines for feeding a process fluid to inlets of the evaporation units and for discharging outflows of the evaporation units to a consumer, wherein the lines are switched such that the evaporation units can be alternately provided with process fluid. This device is characterized in that additional lines are provided for the alternating transfer of process gas from an outlet of one of the two evaporation units to an inlet of the other evaporation unit, wherein a gas heater is disposed in these lines for heating the process gas. If the device is exclusively utilized for evaporation, both evaporation units are connected in parallel. If one of the two evaporation units is defrosted, the two evaporation units are connected in series, wherein the gas heater is disposed between the evaporation units.

IPC 8 full level

F17C 7/04 (2006.01)

CPC (source: EP)

F17C 7/04 (2013.01); **F17C 2223/0153** (2013.01); **F17C 2225/0123** (2013.01); **F17C 2227/0304** (2013.01); **F17C 2227/0311** (2013.01)

Citation (search report)

See references of WO 2008101569A2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

DE 102007008534 A1 20080828; EP 2122227 A2 20091125; WO 2008101569 A2 20080828; WO 2008101569 A3 20090205

DOCDB simple family (application)

DE 102007008534 A 20070221; EP 08707067 A 20080116; EP 2008000300 W 20080116