

Title (en)

REFRIGERANT DRYER, IN PARTICULAR COMPRESSED AIR REFRIGERANT DRYER, AND HEAT EXCHANGER FOR A REFRIGERANT DRYER, IN PARTICULAR A COMPRESSED AIR REFRIGERANT DRYER

Title (de)

KÄLTETROCKNER, INSBESONDERE DRUCKLUFTKÄLTETROCKNER, SOWIE WÄRMETAUSCHER FÜR EINEN KÄLTETROCKNER, INSBESONDERE DRUCKLUFTKÄLTETROCKNER

Title (fr)

DESSICCATEUR CRYOGÉNIQUE, EN PARTICULIER DESSICCATEUR CRYOGÉNIQUE D'AIR COMPRIMÉ, ET ÉCHANGEUR DE CHALEUR POUR UN DESSICCATEUR CRYOGÉNIQUE, EN PARTICULIER POUR UN DESSICCATEUR CRYOGÉNIQUE D'AIR COMPRIMÉ

Publication

**EP 2558186 A1 20130220 (DE)**

Application

**EP 11713805 A 20110412**

Priority

- EP 10159958 A 20100414
- EP 2011055672 W 20110412
- EP 11713805 A 20110412

Abstract (en)

[origin: EP2377596A1] The exchanger has a flow surface element at which fluid to be dried, i.e. pressurized air, is passed during operation of the exchanger. A refrigerant fluid is passed at another flow surface element during operation of the heat exchanger. The flow surface elements are sectionally coupled and/or connected at a cold storage space for filling with a cold storage medium. The flow surface elements are connected with a heat transfer element (10) that is penetrated and extended into the cold storage space. The space is limited by two flat plates (11, 12).

IPC 8 full level

**B01D 53/26** (2006.01); **F28D 7/00** (2006.01)

CPC (source: EP KR US)

**B01D 53/265** (2013.01 - EP KR US); **F28D 7/0008** (2013.01 - EP KR US); **F28D 9/0093** (2013.01 - EP KR US); **F28D 20/02** (2013.01 - EP KR US); **F28F 3/027** (2013.01 - EP KR US); **F28D 2021/0038** (2013.01 - EP KR US); **Y02E 60/14** (2013.01 - EP KR US)

Citation (search report)

See references of WO 2011128317A1

Citation (examination)

WO 03076860 A1 20030918 - BEHR GMBH & CO [DE], et al

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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