

Title (en)
Heat exchanger

Title (de)
Wärmetauscher

Title (fr)
Échangeur de chaleur

Publication
EP 2063208 B1 20150325 (DE)

Application
EP 08020005 A 20081117

Priority
DE 202007016275 U 20071120

Abstract (en)
[origin: EP2063208A2] The cryogenic heat exchanger (5) has an input (6) for liquid nitrogen and output (7) for gaseous nitrogen. The heat exchanger is formed as hollow cylinders with a cylinder barrel (8), two narrow sides (9) parallel to each other and a labyrinth in the interior of the heat exchanger. The input is formed as radially running connection at the cylinder barrel.

IPC 8 full level
F28D 7/12 (2006.01); **F28D 7/10** (2006.01); **F28F 1/00** (2006.01); **F28F 13/06** (2006.01); **F28D 21/00** (2006.01)

CPC (source: EP)
F28D 7/103 (2013.01); **F28D 7/12** (2013.01); **F28F 1/00** (2013.01); **F28F 13/06** (2013.01); **F28D 2021/0033** (2013.01)

Cited by
EP3710743A4; WO2019097295A1; US11371655B2

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

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