

Title (en)  
VAPORIZATION DEVICE

Title (de)  
VERDAMPFUNGSVORRICHTUNG

Title (fr)  
DISPOSITIF DE VAPORISATION

Publication  
**EP 3922937 B1 20231101 (EN)**

Application  
**EP 19918713 A 20190926**

Priority  
• JP 2019043442 A 20190311  
• JP 2019163411 A 20190906  
• JP 2019037863 W 20190926

Abstract (en)  
[origin: EP3922937A1] The present application discloses a vaporizing apparatus for vaporizing a liquefied gas by a way of heat exchange between the liquefied gas and heating liquid having a higher temperature than the liquefied gas. The vaporizing apparatus includes: a plurality of heat transfer panels; a first trough and a second trough each for supplying the heating liquid to an outer surface of each of the plurality of heat transfer tubes; a manifold allowing the heating liquid to flow in; a first supplying pipe connecting the manifold with the first trough for supplying the heating liquid from the manifold to the first trough; and a second supplying pipe connecting the manifold with the second trough for supplying the heating liquid from the manifold to the second trough, the second supplying pipe having a smaller flow path cross-sectional area than the first trough.

IPC 8 full level  
**F28D 3/02** (2006.01); **F28D 1/02** (2006.01)

CPC (source: CN EP KR)  
**F17C 9/02** (2013.01 - KR); **F28D 1/03** (2013.01 - EP); **F28D 1/0535** (2013.01 - EP); **F28D 3/00** (2013.01 - EP); **F28D 3/02** (2013.01 - CN EP KR); **F28D 3/04** (2013.01 - EP); **F28D 21/00** (2013.01 - CN); **F17C 2221/033** (2013.01 - EP); **F17C 2223/0161** (2013.01 - EP); **F17C 2223/033** (2013.01 - EP); **F17C 2225/0115** (2013.01 - EP); **F17C 2225/0123** (2013.01 - EP); **F17C 2227/0309** (2013.01 - EP); **F17C 2227/0393** (2013.01 - EP); **F17C 2265/05** (2013.01 - KR); **F28D 1/05358** (2013.01 - EP); **F28D 1/05366** (2013.01 - EP); **F28D 2021/0047** (2013.01 - EP); **F28D 2021/0061** (2013.01 - CN); **F28D 2021/0064** (2013.01 - EP); **F28F 2009/0297** (2013.01 - EP)

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 3922937 A1 20211215**; **EP 3922937 A4 20220511**; **EP 3922937 B1 20231101**; ES 2964460 T3 20240408; WO 2020183765 A1 20200917

DOCDB simple family (application)  
**EP 19918713 A 20190926**; ES 19918713 T 20190926; JP 2019037863 W 20190926