

Title (en)
Boil-off gas re-condenser

Title (de)
Boil-off-Gas-Rückkondensator

Title (fr)
Re-condensateur de gaz vaporisat

Publication
EP 2372221 B1 20150408 (EN)

Application
EP 10380045 A 20100326

Priority
EP 10380045 A 20100326

Abstract (en)
[origin: EP2372221A1] Boil-Off Gas re-condenser comprising a vessel (15) comprises two separated zones with no interference between them:
- a re-condensing packing contact zone (11), located in a top section of the vessel (15), which houses a packing bed (7), in which Boil Off Gas, coming from a Boil Off Gas compressors discharge (14), is in contact with Liquefied Natural Gas (22), taken from the discharge of LP pumps (32), for re-condensation. - a lower accumulation zone (12), located in a lower section of the vessel (15), which serves as a liquid hold-up drum for the HP Liquefied Natural Gas pumps, in which it is introduced the surplus of Liquefied Natural Gas (23) up to half maximum send-out via a level control valve (3), so that the surplus of Liquefied Natural Gas (24) from half maximum send-out, bypasses the re-condenser via a flow control bypass (24):

IPC 8 full level
F17C 13/00 (2006.01)

CPC (source: EP)
F17C 13/004 (2013.01); **F17C 2221/014** (2013.01); **F17C 2221/033** (2013.01); **F17C 2223/0161** (2013.01); **F17C 2223/033** (2013.01); **F17C 2223/043** (2013.01); **F17C 2223/046** (2013.01); **F17C 2225/0161** (2013.01); **F17C 2225/033** (2013.01); **F17C 2225/046** (2013.01); **F17C 2227/0135** (2013.01); **F17C 2227/0339** (2013.01); **F17C 2227/0388** (2013.01); **F17C 2250/032** (2013.01); **F17C 2250/0408** (2013.01); **F17C 2250/043** (2013.01); **F17C 2250/0443** (2013.01); **F17C 2250/0456** (2013.01); **F17C 2250/061** (2013.01); **F17C 2250/0626** (2013.01); **F17C 2260/035** (2013.01); **F17C 2265/022** (2013.01); **F17C 2265/025** (2013.01); **F17C 2265/034** (2013.01); **F17C 2270/0136** (2013.01)

Cited by
FR3135774A1; EP3434959A1; CN110945277A; KR20200037226A; JP2021507178A; WO2023222926A1; US9927068B2; US10704736B2; WO2019020742A1

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