

Title (en)

Process for the treatment of cryogenic liquefied gas

Title (de)

Verfahren zum Aufbereiten von tiefgekühltem Flüssiggas

Title (fr)

Procédé pour le traitement d'un gaz liquéfié cryogénique

Publication

EP 0874188 B2 20091230 (DE)

Application

EP 98810177 A 19980303

Priority

DE 19717267 A 19970424

Abstract (en)

[origin: EP0874188A2] The deep-frozen liquid gas (1), before being used in the subsequent process is re-gasified in thermal exchange with at least one heat exchange medium (28,32). The refrigerating capacity of the deep-frozen gas as a heat sink is conveyed via a heat exchanger medium (28) at least to one of the part-steps in the process. In the case of unavailability of the heat exchanger medium, the deep-frozen liquid gas is re-gasified with an additional heat exchanger medium (32). The deep-frozen liquid gas is first divided into two part currents (30,33).

IPC 8 full level

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CPC (source: EP US)

F01K 23/10 (2013.01 - EP US); **F17C 9/04** (2013.01 - EP US); **F17C 2265/05** (2013.01 - EP US); **Y10S 62/915** (2013.01 - EP US)

Citation (opposition)

Opponent :

- CH 584837 A5 19770215 - SULZER AG
- EP 0605159 A1 19940706 - GEN ELECTRIC [US]
- DE 2207268 A1 19730906 - FRIEDRICH SCHARR OHG

Cited by

CN114838539A; EP1208293A4; EP2423473A3; WO0107765A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0874188 A2 19981028; **EP 0874188 A3 20010926**; **EP 0874188 B1 20060802**; **EP 0874188 B2 20091230**; DE 19717267 A1 19981029; DE 19717267 B4 20080814; DE 59813668 D1 20060914; JP H10332090 A 19981215; US 6079222 A 20000627

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