Title (en)
SYSTEM AND METHOD FOR TREATING GAS RESULTING FROM THE EVAPORATION OF A CRYOGENIC LIQUID

Title (de)
SYSTEM UND VERFAHREN ZUR BEHANDLUNG VON AUS DER VERDAMPFUNG EINER KRYOGENEN FLÜSSIGKEIT ENTSTANDENEM GAS

Title (fr)
SYSTÈME ET PROCÉDÉ DE TRAITEMENT DE GAZ ISSU DE L'ÉVAPORATION D'UN LIQUIDE CRYOGÉNIQUE

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Application
EP 16775768 A 20160902

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Abstract (en)
[origin: WO2017037400A1] The invention relates to a system comprising a power supply line for at least one motor, on which line a first unit (3) for compressing said gas is located, and a bypass to a return line on which cooling means (10) and reliquefaction means (30) are located in series. The cooling means comprise a second compression unit (11, 12, 13) and a heat exchanger (17) in series. Downstream of the second compression unit (11, 12, 13), a bypass to a loop (18, 20, 21) comprises first decompression means (14). The loop joins up with the return line upstream of the second compression unit (11, 12, 13) after passing through the heat exchanger (17) in the opposite direction to the gas fraction which has not been diverted by the loop.

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CPC (source: EP KR RU US)
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