

Title (en)
DEVICE FOR RECOVERING VAPOURS FROM A CRYOGENIC TANK

Title (de)
VORRICHTUNG ZUR RÜCKGEWINNUNG VON DÄMPFEN AUS EINEM KRYOTANK

Title (fr)
DISPOSITIF DE RÉCUPÉRATION DE VAPEURS ISSUES D'UN RÉSERVOIR CRYOGÉNIQUE

Publication
EP 3044527 A2 20160720 (FR)

Application
EP 14784279 A 20140911

Priority
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• FR 1455931 A 20140625
• FR 2014052258 W 20140911

Abstract (en)
[origin: WO2015036708A2] This device comprises: a compression unit (4) having a plurality of stages, said unit being provided with gas from the cryogenic tank (2) and supplying the gas at a motor supply pressure, a reliquefaction system (20) having an outlet for liquid to the cryogenic tank (2), and an exchanger (10) disposed between the cryogenic tank (2) and the compression unit (4) to heat the evaporation gas from the tank (2) before it enters the compression unit (4). The evaporation gas from the cryogenic tank (2) is heated by gas compressed inside the compression unit (4) to a pressure lower than the motor supply pressure. The reliquefaction system (20) is supplied with gas compressed inside the compression unit (4) to a pressure lower than the motor supply pressure.

IPC 8 full level
F25J 1/00 (2006.01); **B63B 25/16** (2006.01); **F25J 1/02** (2006.01)

CPC (source: CN EP US)
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Citation (search report)
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