

Title (en)
DEVICE FOR THE RECONDENSATION BY MEANS OF A CRYOGENERATOR OF LOW-BOILING GASES OF THE GAS EVAPORATING FROM A LIQUID GAS CONTAINER

Title (de)
EINRICHTUNG ZUR REKONDENSATION VON TIEFSIEDENDEN GASEN MIT EINEM KRYOGENERATOR DES AUS EINEM FLUSSIGGAS-BEHALTER VERDAMPFENDEN GASES

Title (fr)
DISPOSITIF POUR LA RECONDENSATION A L'AIDE D'UN CRYOGENERATEUR DE GAZ A POINT D'EBULLITION BAS DU GAZ S'EVAPORANT D'UN RESERVOIR POUR GAZ LIQUEFIE

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Application
EP 02772094 A 20020704

Priority
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• EP 0207406 W 20020704

Abstract (en)
[origin: DE10137552C1] An apparatus comprises a cryo-generator for re-condensing low boiling gases of a gas vaporized from a liquefied gas container. The cryo-generator comprises a cooling device having a regenerator (21, 22) and a pulse tube (23, 24) with heat exchangers (25, 27) arranged between them. At least one the components of the cooling device is surrounded with a thermally insulating heat shield. Preferred Features: All cooling surfaces lie opposite a heat transfer ring (10). Each cooling surface axially moves around the periphery in the ring without touching it so that a channel is formed from the vapor chamber via the liquefied gas bath to the start of the first cooling stage of the cooling device.

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IPC 8 full level
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