

Title (en)

REFRIGERATION METHOD, AND CORRESPONDING COLD BOX AND CRYOGENIC EQUIPMENT

Title (de)

KÜHLVERFAHREN, ZUGEHÖRIGE KÜHLBOX UND KRYOGENE ANLAGE

Title (fr)

PROCÉDÉ DE RÉFRIGÉRATION, BOÎTE FROIDE ET INSTALLATION CRYOGÉNIQUE CORRESPONDANTES

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Application

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Abstract (en)

[origin: WO2015082788A1] The present invention relates to a refrigeration method, during which a user (1) is supplied with frigories by means of a working gas, such as helium, that is cooled by having same flow into a cold box (4) that comprises, in series, at least one first aluminum heat exchanger (5) having brazed plates and flanges, one second heat exchanger (15) having welded plates, and one third aluminum heat exchanger (25) having brazed plates and flanges in such a way that the flow of said working gas is at least partially caused to pass, consecutively, through the first exchanger (5), then through the second exchanger (15), and finally through the third exchanger (25) before said working gas flow is directed to the user (1) in order to supply the latter with frigories.

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