

Title (en)

TRANSPORT CONTAINER WITH COOLABLE, THERMAL SHIELD

Title (de)

TRANSPORTBEHÄLTER MIT KÜHLBAREM, THERMISCHEN SCHILD

Title (fr)

RÉCIPIENT DE TRANSPORT DOTÉ DU BOUCLIER THERMIQUE POUVANT ÊTRE REFROIDI

Publication

EP 3495711 B1 20200722 (DE)

Application

EP 17020563 A 20171208

Priority

EP 17020563 A 20171208

Abstract (en)

[origin: WO2019110146A1] The invention relates to a transport container (1) for helium (He), comprising an inner container (6) for receiving the helium (He); a coolant container (14) for receiving a cryogenic fluid (N2); an outer container (2) in which the inner container (6) and the coolant container (14) are received; a thermal shield (21) in which the inner container (6) is received and which can be actively cooled using the cryogenic fluid (N2), said thermal shield (21) having at least one cooling line (26) which is fluidically connected to the coolant container (14) and in which the cryogenic fluid (N2) can be received in order to actively cool the thermal shield (21); and at least one return line (34, 35), by means of which the at least one cooling line (26) is fluidically connected to the coolant container (14) in order to return the cryogenic fluid (N2) back to the coolant container (14).

IPC 8 full level

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CPC (source: EP US)

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Cited by

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DOCDB simple family (publication)

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