

Title (en)

Container comprising at least one double wall and method of insulating a double wall of a container

Title (de)

Behälter mit mindestens einer Doppelwand und Verfahren zum Isolieren einer Doppelwand eines Behälters

Title (fr)

Réceptient comportant au moins une double paroi et procédé d'isolation d'une double paroi d'un réceptient

Publication

EP 2615042 A1 20130717 (EN)

Application

EP 12150563 A 20120110

Priority

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Abstract (en)

Container (1) comprising at least one double wall (2) having a bottom wall member (3) and an inner and an outer wall member (4,5). The inner wall member (4) and outer wall member (5) each has a bottom edge (6,7) and an upper edge (8,9), and are spaced from each other. The inner and outer wall member (4,5) are connected to each other by the bottom wall member (3) at their respective bottom edges (6,7). The bottom wall member (3), inner and outer wall member (4,5) enclose an intermediate space (10). At least one hermetically sealed bag (11,12) of flexible, air tight material is arranged in the intermediate space (10), has at least one sealed opening (13), and is further filled with insulation material. Said bag (11,12) is evacuated. In a method of insulating a double wall (2) of a container (1) the at least one bag (11,12) is arranged in the intermediate space (10) such that the at least one opening (13) is accessible from the upper side. The bag (11,12) is filled with insulation material via the at least one opening (13), where after an evacuation pressure is applied on the inside of the bag (11,12), and after a sufficient vacuum has been reached the at least one opening (13) of the bag (11,12) is hermetically sealed.

IPC 8 full level

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CPC (source: EP)

B65D 81/3823 (2013.01); **B65D 90/06** (2013.01); **F25D 2201/14** (2013.01)

Citation (applicant)

US 6109712 A 20000829 - HAWORTH GEORGE JEFFREY [US], et al

Citation (search report)

- [I] US 2004069789 A1 20040415 - OHNO TAKASHI [JP], et al
- [A] JP H07101476 A 19950418 - NIPPON OXYGEN CO LTD
- [A] JP 2006161834 A 20060622 - RENAISSANCE ENERGY INVESTMENT
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EP4082742A1; US11623413B2; US12053937B2

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

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