

Title (en)

CONTAINER FOR HANDLING AND TRANSPORTING HIGH-PURITY AND ULTRA-HIGH-PURITY CHEMICALS

Title (de)

GEBINDE ZUR HANDHABUNG UND FÜR DEN TRANSPORT VON HOCHREINEN UND ULTRA HOCHREINEN CHEMIKALIEN

Title (fr)

RÉCIPIENT SERVANT À LA MANUTENTION ET AU TRANSPORT DE PRODUITS CHIMIQUES TRÈS PURS ET ULTRA-PURS

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Application

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Abstract (en)

[origin: WO2013143745A1] The invention relates to an empty container (1) for accommodating high-purity and ultra-high-purity, air- and/or moisture-sensitive liquid or condensable compounds, comprising a cylindrical jacket (3), a bottom (4a) and an upper end piece (4b, 4b') at the two ends of the cylindrical jacket, an associated connection unit (2) including shut-off/multiple-way and rinsing system (5), and an associated immersion pipe (7), characterized in that the lower end of the immersion pipe (7a) protrudes into a recess (4c) (depression), which is introduced in the bottom (4a) and which is the lowest point of the bottom, and/or the lower end of the immersion pipe (7a) is tapered and is brought close to the lowest point of the bottom (4a) to within less than 2 mm by means of the tip of the tapered immersion pipe (7b) or touches the lowest point of the bottom with the tip of the tapered immersion pipe (7b). The invention further relates to the use of empty containers according to the invention for storing, handling, and/or transporting such high-purity and ultra-high-purity compounds.

IPC 8 full level

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