

Title (en)
COMPOSITE PRESSURE GAS TANK

Title (de)
COMPOSITE-DRUCKGASBEHÄLTER

Title (fr)
RÉSERVOIR À GAZ COMPRIMÉ EN MATÉRIAU COMPOSITE

Publication
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Application
EP 09749522 A 20090402

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Abstract (en)
[origin: WO2009141032A1] The invention relates to a composite pressure gas tank for a gas, having an outer shell and a liner encompassed thereby made of a light alloy metal, particularly of aluminum or an aluminum alloy, a closing element having at least one channel for infeeding and/or discharging gas in the outlet and inlet opening thereof being inserted and connected directly or indirectly to the liner by a weld joint, and a connecting line made of steel being connected to the channel or channels thereof, and wherein a transition element has a first end segment made of light alloy metal, particularly of aluminum or an aluminum alloy, and welded either to the liner or to the closing element made of light alloy metal, particularly of aluminum or an aluminum alloy, and the other end segment thereof being made of a steel material welded either to the closing element made of a steel material or to the connecting line made of a steel material.

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