

Title (en)

COMPRESSED AIR TANK FOR UTILITY VEHICLES AND METHOD OF MANUFACTURE

Title (de)

DRUCKLUFTBEHÄLTER FÜR NUTZFAHRZEUGE UND VERFAHREN ZU DESSEN HERSTELLUNG

Title (fr)

RÉSERVOIR À AIR COMPRIMÉ POUR VÉHICULES UTILITAIRES ET PROCÉDÉ DE FABRICATION DE CELUI-CI

Publication

**EP 2373920 A1 20111012 (DE)**

Application

**EP 09799332 A 20091217**

Priority

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Abstract (en)

[origin: WO2010070044A1] The invention relates to a compressed air tank for utility vehicles, comprising a tubular or cylindrical jacket sealed at both ends by way of welded outer bases. At least one outer base and/or the jacket is provided with a hole. A sleeve is welded onto the hole. At least the inside of the compressed air tank is provided with an inner coating. The contact surfaces between the jacket and the outer bases are adapted such that the contact surfaces abut one another and such that the contact surfaces can be welded together without using any weld material through laser welding. The sleeve is welded onto the hole by way of laser welding or CD welding. The inner coating of the tank is manufactured by powder coating.

IPC 8 full level

**F17C 1/00** (2006.01)

CPC (source: EP KR US)

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Citation (search report)

See references of WO 2010070044A1

Cited by

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