Title (en)

STORAGE CONTAINER FOR CRYOGENIC COMPRESSED GAS HAVING AN INLET

Title (de)

SPEICHERBEHÄLTER VON KRYOGENEM DRUCKGAS MIT EINEM EINLASS

Title (fr)

RÉSERVOIR DE STOCKAGE DE GAZ SOUS PRESSION CRYOGÈNE, COMPORTANT UNE ENTRÉE

Publication

EP 2805098 A1 20141126 (DE)

Application

EP 12810117 A 20121127

Priority

- DE 102012200554 A 20120116
- EP 2012073759 W 20121127

Abstract (en)

[origin: WO2013107547A1] The invention relates to a storage container (12) for a motor vehicle for storing cryogenic compressed gas, potentially in an over-critical state, having an inlet (26) for introducing the gas to be stored into the storage volume, wherein the inlet has a plurality of inlet openings (28) that are arranged spaced apart from one another and extend into the storage volume. According to the invention, said arrangement serves for localized cooling of the gas and prevents strong thermoelectric voltages on the wall of the storage container.

IPC 8 full level

F17C 3/04 (2006.01); **F17C 5/06** (2006.01)

CPC (source: EP US)

F02M 21/0221 (2013.01 - US); **F17C 3/04** (2013.01 - EP US); **F17C 5/06** (2013.01 - EP US); F17C 2201/0109 (2013.01 - EP US); F17C 2201/056 (2013.01 - EP US); F17C 2203/03 (2013.01 - EP US); F17C 2203/0629 (2013.01 - EP US); F17C 2221/012 (2013.01 - EP US); F17C 2221/033 (2013.01 - EP US); F17C 2223/0115 (2013.01 - EP US); F17C 2223/036 (2013.01 - EP US); F17C 2225/044 (2013.01 - EP US); F17C 2227/0309 (2013.01 - EP US); F17C 2227/0372 (2013.01 - EP US); F17C 2227/04 (2013.01 - US); F17C 2260/05 (2013.01 - EP US); F17C 2265/065 (2013.01 - EP US); F17C 2270/0168 (2013.01 - EP US); Y02E 60/32 (2013.01 - EP US)

Citation (search report)

See references of WO 2013107547A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

DE 102012200554 A1 20130718; EP 2805098 A1 20141126; US 2014326737 A1 20141106; US 9494282 B2 20161115; WO 2013107547 A1 20130725

DOCDB simple family (application)

DE 102012200554 A 20120116; EP 12810117 A 20121127; EP 2012073759 W 20121127; US 201414331712 A 20140715