

Title (en)

COMPRESSED GAS STORAGE UNIT, AND VEHICLE COMPRISING A COMPRESSED GAS STORAGE UNIT

Title (de)

DRUCKGASSPEICHEREINRICHTUNG, FAHRZEUG MIT DRUCKGASSPEICHEREINRICHTUNG

Title (fr)

UNITÉ DE STOCKAGE DE GAZ COMPRIMÉ ET VÉHICULE COMPRENANT UNE UNITÉ DE STOCKAGE DE GAZ COMPRIMÉ

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2022023063A1] The invention relates to a compressed gas storage unit (1) for mobile applications, in particular for storing hydrogen on board a vehicle, comprising at least one metal storage housing (2) which delimits a storage volume (3) that can be filled with compressed gas, as well as at least one temperature- and/or pressure-sensitive overload valve (4) arranged on the storage housing (2). According to the invention, the storage housing (2) or the compressed gas storage unit (1) is surrounded by a heat protection shield (5) at least in regions, preferably releasing the at least one overload valve (4). The invention also relates to a vehicle comprising a compressed gas storage unit (1) according to the invention for storing hydrogen.

IPC 8 full level

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Citation (search report)

See references of WO 2022023063A1

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