Title (en)
DEVICE FOR STORING LOW-MOLECULAR GASES

Title (de)
VORRICHTUNG ZUM SPEICHERN VON NIEDERMOLEKULAREN GASEN

Title (fr)
DISPOSITIF POUR STOCKER DES GAZ DE FAIBLE POIDS MOLÉCULAIRE

Publication
**EP 2601433 A1 20130612 (DE)**

Application
**EP 11736290 A 20110726**

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Abstract (en)
[origin: WO2012016655A1] The invention relates to a device (5) for storing low-molecular gas (for example hydrogen (H2)) under high pressure, comprising an inner shell (6) and at least an outer sleeve (7) enclosing the inner shell (6). The region between the inner shell (6) and the outer sleeve (7) is connected to the region enclosed by the inner shell (6) via at least one valve device (9) having a backflow preventer. The valve device (9) having a backflow preventer is designed in such a manner that low-molecular gas that has diffused through the inner shell (6) can flow back into the inner shell (6) under suitable pressure conditions.

IPC 8 full level
**F17C 1/16** (2006.01)

CPC (source: EP US)
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See references of WO 2012016655A1

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