

Title (en)

METHOD OF CHARGING A SORPTION STORE WITH A GAS

Title (de)

VERFAHREN ZUM LADEN EINES SORPTIONSSPEICHERS MIT EINEM GAS

Title (fr)

PROCÉDÉ PERMETTANT DE CHARGER UN ACCUMULATEUR À SORPTION AVEC UN GAZ

Publication

**EP 2906869 A4 20160608 (EN)**

Application

**EP 13846003 A 20131008**

Priority

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Abstract (en)

[origin: WO2014057416A1] Method of charging a sorption store with a gas, where the sorption store comprises a closed container (10) which is at least partly filled with an adsorption medium (40) and has an inlet (21 ) and an outlet (23) which can each be closed by a shut-off element (22, 24), which comprises the steps: (a) closing of the outlet shut-off element (24) and opening of the inlet shut-off element (22), (b) introduction of gas to be stored under a predetermined pressure through the inlet (21 ), (c) rapid opening of the outlet shut-off element (24) with the inlet shut-off element (22) open so that a gas flow having a predetermined flow rate is established in the container (10), (d) reduction of the flow rate as a function of the adsorption rate of the gas adsorbed in the store and (e) complete closing of the outlet shut-off element (24).

IPC 8 full level

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CPC (source: EP)

**F17C 11/007** (2013.01)

Citation (search report)

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- [A] JP S63140200 A 19880611 - MITSUBISHI HEAVY IND LTD
- [A] JP S6060399 A 19850406 - TOSHIBA KK
- [A] EP 1790904 A1 20070530 - HONDA MOTOR CO LTD [JP]
- See references of WO 2014057416A1

Designated contracting state (EPC)

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