

Title (en)
CONSTANT-PRESSURE STORAGE UNIT

Title (de)
KONSTANTDRUCKSPEICHEREINHEIT

Title (fr)
UNITÉ DE STOCKAGE À PRESSION CONSTANTE

Publication
EP 3390891 A1 20181024 (DE)

Application
EP 16805284 A 20161124

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Abstract (en)
[origin: WO2017102060A1] The invention relates to a constant-pressure storage unit and to a method for operating a constant-pressure storage unit, for storing and dispensing hydrogen (12A, 12C) under constant pressure, which constant-pressure storage unit comprises at least one constant-pressure store (A, B, C, D), which is divided into two regions by a movable separating piston (11A, 11B, 11C, 11D), at least one liquid pump (9) for conveying a liquid (1), and at least one liquid store (4), wherein a measuring device (2) measures the liquid level in the liquid store (4) and gives a signal to the liquid pump (9) by means of a control unit (5). In this way, the liquid pump can be stopped in time when the constant-pressure storage unit is empty.

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