

Title (en)

Pressure storage device whereby the heat storage device is placed inside an overpressure zone

Title (de)

Druckspeicherkraftwerk wobei der Wärmespeicher in einer Überdruckzone angeordnet ist

Title (fr)

Dispositif de stockage de pression dans lequel le dispositif de stockage thermique est situé dans une zone de surpression

Publication

**EP 2823247 A1 20150114 (DE)**

Application

**EP 13712126 A 20130307**

Priority

- CH 3102012 A 20120307
- CH 2013000039 W 20130307

Abstract (en)

[origin: WO2013131202A1] The invention relates to a compressed air energy storage system comprising a pressure accumulator (2) for gas to be stored under pressure, and a heat accumulator (27) for storing the compression heat that has accumulated during charging of the pressure accumulator (2), wherein the heat accumulator (27) is arranged ready for use in an overpressure zone (31). Said arrangement enables a structurally simple heat accumulator to be provided, since said heat accumulator is not loaded by the pressure of the gas passing therethrough.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2013131202A1

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DOCDB simple family (application)

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