

Title (en)
STORAGE DEVICE FOR STORING HYDROGEN-CARRIER MEDIUM, SYSTEM COMPRISING SUCH A STORAGE DEVICE AND METHOD FOR STORING HYDROGEN-CARRIER MEDIUM

Title (de)
SPEICHERVORRICHTUNG FÜR WASSERSTOFFTRÄGERMEDIUM, ANLAGE UMFASSEND EINE DERARTIGE SPEICHERVORRICHTUNG UND VERFAHREN ZUM SPEICHERN VON WASSERSTOFFTRÄGERMEDIUM

Title (fr)
DISPOSITIF DE STOCKAGE POUR UN MILIEU PORTEUR D'HYDROGÈNE, INSTALLATION COMPRENANT UN TEL DISPOSITIF DE STOCKAGE ET PROCÉDÉ DE STOCKAGE D'HYDROGÈNE

Publication
EP 3443258 A1 20190220 (DE)

Application
EP 17717659 A 20170411

Priority
• DE 102016206106 A 20160412
• EP 2017058648 W 20170411

Abstract (en)
[origin: WO2017178471A1] A storage device for storing hydrogen-carrier medium comprises a storage vessel (4) which has a longitudinal axis (3) and is intended for storing the hydrogen-carrier medium in a layered manner in dependence on the degree of hydrogenation (h) thereof, and also comprises a filling/removal unit (5) which is connected to the storage vessel (4) and is intended for filling and/or removing hydrogen-carrier medium. The degree of hydrogenation of the hydrogen-carrier medium stored in the storage vessel can be determined by means of a condition-monitoring unit (25). A regulating unit allows for regulated filling and/or removal of hydrogen-carrier medium, in particular in dependence on the degree of hydrogenation (h) thereof.

IPC 8 full level
F17C 11/00 (2006.01)

CPC (source: EP)
F17C 11/005 (2013.01); **F17C 2221/012** (2013.01); **F17C 2223/0184** (2013.01); **F17C 2223/035** (2013.01); **F17C 2223/041** (2013.01); **Y02E 60/32** (2013.01)

Citation (search report)
See references of WO 2017178471A1

Designated contracting state (EPC)
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Designated extension state (EPC)
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DOCDB simple family (publication)
DE 102016206106 A1 20171012; EP 3443258 A1 20190220; WO 2017178471 A1 20171019

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