

Title (en)  
OFFSHORE HYDROGEN RESERVOIR

Title (de)  
OFFSHORE-WASSERSTOFFSPEICHER

Title (fr)  
RÉSERVOIR D'HYDROGÈNE EN MER

Publication  
**EP 4090585 A1 20221123 (DE)**

Application  
**EP 21704191 A 20210129**

Priority  
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Abstract (en)  
[origin: WO2021156158A1] The invention relates to an offshore hydrogen reservoir (1) comprising at least one floating hydrogen tank (2). The offshore hydrogen reservoir (1) allows hydrogen to be stored offshore at low cost and safely, in particular once the hydrogen has been generated using the electrical energy of an offshore wind farm. For this purpose, the offshore hydrogen reservoir (1) comprises a floating hydrogen tank (2) which can be disposed in the water separate from an offshore platform (10) equipped with a hydrogen generator (11).

IPC 8 full level  
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**B63B 22/28** (2013.01 - EP); **B63B 25/12** (2013.01 - EP); **B63B 35/44** (2013.01 - US); **B63B 39/03** (2013.01 - US); **H02J 15/008** (2020.01 - EP); **B63B 2035/4486** (2013.01 - EP US); **B63B 2207/02** (2013.01 - EP); **Y02E 60/32** (2013.01 - EP); **Y02E 70/30** (2013.01 - EP); **Y02P 80/10** (2015.11 - EP)

Citation (search report)  
See references of WO 2021156158A1

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