

Title (en)  
HYDROGEN STORAGE TANK COMPRISING A TEXTILE FILTER MATERIAL

Title (de)  
WASSERSTOFFSPEICHERTANK MIT EINEM TEXTILEN FILTERMATERIAL

Title (fr)  
RÉSERVOIR DE STOCKAGE D'HYDROGÈNE COMPORTANT UN MATÉRIAU TEXTILE FILTRANT

Publication  
**EP 3551928 A2 20191016 (FR)**

Application  
**EP 17816995 A 20171206**

Priority  
• FR 1662160 A 20161208  
• FR 2017053410 W 20171206

Abstract (en)  
[origin: WO2018104657A2] The main subject matter of the invention is a hydrogen storage tank (1) comprising: a casing (3) having a longitudinal axis (X); a hydrogen feed pipe (4); and a stack formed by a plurality of separating elements (5). Each separating element (5) forms a base that receives a hydrogen storage material (2). Each separating element (5) comprises a textile filter material which is in contact with the inner wall (3a) of the casing (3) and which is maintained in contact with the casing (3) by means of at least one blocking element positioned such that the textile filter material is blocked between the inner wall (3a) of the casing (3) and said at least one blocking element.

IPC 8 full level  
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See references of WO 2018104657A2

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