

Title (en)

HYDROGEN STORAGE INSTALLATION FOR FEEDING FUEL CELL AND MOTOR VEHICLE COMPRISING SAME

Title (de)

WASSERSTOFFSPEICHERANLAGE ZUR SPEISUNG EINER BRENNSTOFFZELLE UND DIESE UMFASSENDES KRAFTFAHRZEUG

Title (fr)

INSTALLATION DE STOCKAGE D'HYDROGENE POUR L'ALIMENTATION DE PILE A COMBUSTIBLE ET VEHICULE L'INCORPORANT

Publication

EP 1704362 A1 20060927 (FR)

Application

EP 04816592 A 20041222

Priority

- FR 2004050745 W 20041222
- FR 0450069 A 20040112

Abstract (en)

[origin: FR2865016A1] The tank (1) consists of an insulating cover (2) of a cellular material incorporating at least one metal screen (3), and a hydrogen gas outlet circuit (8) connected to a fuel cell (11) input and having at least one portion in heat exchange contact with the screen. It also has an electric cooler (15) powered by the fuel cell and having a cold section (16) in heat exchange contact with the screen, and a second metal screen (4) that can be a pressure-resistant container in place of an inner shell (6).

IPC 8 full level

F17C 3/06 (2006.01)

CPC (source: EP KR US)

F17C 3/00 (2013.01 - KR); **F17C 3/06** (2013.01 - EP KR US); **F17C 2201/0109** (2013.01 - EP US); **F17C 2203/0329** (2013.01 - EP US); **F17C 2203/0621** (2013.01 - EP US); **F17C 2203/0636** (2013.01 - EP US); **F17C 2203/0646** (2013.01 - EP US); **F17C 2203/0648** (2013.01 - EP US); **F17C 2209/232** (2013.01 - EP US); **F17C 2221/012** (2013.01 - EP US); **F17C 2223/0153** (2013.01 - EP US); **F17C 2225/045** (2013.01 - EP US); **F17C 2225/047** (2013.01 - EP US); **F17C 2270/0178** (2013.01 - EP US); **Y02E 60/32** (2013.01 - EP US)

Citation (search report)

See references of WO 2005075881A1

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