

Title (en)

ANODE VALVE FOR A FUEL CELL AUTOMOTIVE TRACTION SYSTEM

Title (de)

ANODENVENTIL FÜR EIN BRENNSTOFFZELLENKRAFTFAHRZEUGANTRIEBSSYSTEM

Title (fr)

VALVE D'ANODE POUR UN SYSTÈME DE TRACTION D'AUTOMOBILE À PILE À COMBUSTIBLE

Publication

**EP 4182586 A1 20230524 (EN)**

Application

**EP 21752167 A 20210709**

Priority

- IT 202000017065 A 20200714
- IB 2021056186 W 20210709

Abstract (en)

[origin: WO2022013694A1] An anode valve (1) for a downstream fuel cell circuit of an automotive traction system comprises a valve body (2), a shutter (8), and a solenoid device. The armature (68) of the solenoid device is C- shaped and the movable core (48) is arranged in an inner casing (20). Guidance means accommodated in the inner casing (20) are provided, which are integral with the movable core (48) and suitable for guiding the movable core (48) translationally on the inner casing (20).

IPC 8 full level

**F16K 31/06** (2006.01); **F16K 27/02** (2006.01); **H01M 8/00** (2016.01)

CPC (source: EP)

**F16K 27/029** (2013.01); **F16K 31/0672** (2013.01); **F16K 31/0675** (2013.01); **H01F 7/1607** (2013.01); **H01M 8/04097** (2013.01); **H01M 8/04201** (2013.01); **H01F 2007/163** (2013.01); **Y02E 60/50** (2013.01)

Citation (search report)

See references of WO 2022013694A1

Designated contracting state (EPC)

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