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(12) **United States Patent**
Mayr

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(54) **SHUT-OFF VALVE**

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See application file for complete search history.

(71) Applicant: **MAGNA STEYR Engineering AG & Co KG, Graz (AT)**

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(72) Inventor: **Franz Mayr, St. Marein bei Graz (AT)**

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(73) Assignee: **MAGNA STEYR Engineering AG & Co KG, Graz (AT)**

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Primary Examiner — Kevin Lee

Assistant Examiner — P. Macade Nichols

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(74) *Attorney, Agent, or Firm* — Todd A. Vaughn; Jordan IP Law, LLC

(51) **Int. Cl.**

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(57) **ABSTRACT**

A shut-off valve to fill a tank with a gaseous medium. The shut-off valve includes a valve housing, a piston arranged in the valve housing for displacement in an axial direction and having an axially continuous bore, a first end piece having an outlet opening which is fluidically-connected to the axially continuous bore of the piston; and a second end piece having an inlet opening which is fluidically-connected to the axially continuous bore of the piston. A first end side of the piston and a first end side of the second end piece of the valve housing form a sealing seat upon contact therebetween.

(52) **U.S. Cl.**

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20 Claims, 2 Drawing Sheets

