

Title (en)

MAGNETO STRICTIVE ACTUATED PRESSURE REGULATOR MODULE FOR INFLATION SYSTEM

Title (de)

MAGNETOSTRIKTIVES BETÄTIGTES DRUCKREGLERMODUL FÜR EIN AUFBLASSYSTEM

Title (fr)

MODULE RÉGULATEUR DE PRESSION ACTIONNÉ PAR MAGNÉTO-STRICTION POUR SYSTÈME DE GONFLAGE

Publication

EP 4310384 A1 20240124 (EN)

Application

EP 23185210 A 20230713

Priority

- IN 202241042047 A 20220722
- US 202217958758 A 20221003

Abstract (en)

An actuator (200) is disclosed herein. The actuator includes a drive body (202) including a bottom surface, the bottom surface having a first side and an opposing second side, a magneto strictive material (208) disposed within the drive body (202) and contacting the first side of the bottom surface of the drive body, a solenoid (206) disposed within the drive body (202) and surrounding the magneto strictive material (208), a drive rod (204) extending through the magneto strictive material (208) and through the bottom surface of the drive body (202), and a spring (212) disposed adjacent the second side of the bottom surface of the drive body (202), wherein the drive rod (204) extends through the spring (212).

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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Designated contracting state (EPC)

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