

Title (en)

FLUID CONTROL SYSTEM FOR AN IMPLANTABLE INFLATABLE DEVICE

Title (de)

FLÜSSIGKEITSKONTROLLSYSTEM FÜR EINE IMPLANTIERBARE AUFBLASBARE VORRICHTUNG

Title (fr)

SYSTÈME DE CONTRÔLE FLUIDIQUE POUR UN DISPOSITIF GONFLABLE IMPLANTABLE

Publication

EP 4312878 A1 20240207 (EN)

Application

EP 22716808 A 20220323

Priority

- US 202163200739 P 20210325
- US 202217655958 A 20220322
- US 2022071296 W 20220323

Abstract (en)

[origin: WO2022204700A1] An implantable fluid operated device may include a fluid reservoir configured to hold fluid, an inflatable member, and a pump assembly configured to transfer fluid between the fluid reservoir and the inflatable member. The pump assembly may include one or more fluid pumps and one or more valves. An electronic control system may control operation of the pump assembly based on fluid pressure measurements and/or fluid flow measurements received from the one or more sensing devices. The electronic control system may include an internal component installed with the implanted device, and an external component that is operable by a user to provide user input, and to receive output from the implanted device.

IPC 8 full level

A61F 2/00 (2006.01)

CPC (source: EP KR)

A61F 2/004 (2013.01 - EP KR); **A61F 2250/0002** (2013.01 - EP KR); **A61F 2250/0013** (2013.01 - EP KR)

Citation (search report)

See references of WO 2022204700A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

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US 2022071296 W 20220323; AU 2022242994 A 20220323; CA 3214831 A 20220323; EP 22716808 A 20220323; JP 2023558764 A 20220323; KR 20237032346 A 20220323