

Title (en)
IMPLANTABLE FLOW REGULATOR WITH FAILSAFE MODE AND RESERVE DRUG SUPPLY

Title (de)
IMPLANTIEBARER FLUSSREGLER MIT AUSFALLSCHUTZMODUS UND RESERVE-ARZNEIMITTELZUFUHR

Title (fr)
REGULATEUR DE DEBIT IMPLANTABLE AVEC MODE DE SECURITE ET RESERVE DE MEDICAMENT

Publication
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Application
EP 02807653 A 20020906

Priority
US 0228575 W 20020906

Abstract (en)
[origin: WO2004012794A1] An implantable flow regulator (22) for regulating flow of a drug along a drug delivery pathway (14) from a drug source to a treatment site within a subject includes a movable diversion member (24) and an actuator. The movable diversion member (24) is operably coupled to a delivery pathway (14). The actuator is actuatable to move the diversion member (24) between at least a first mode position where the diversion member (24) restricts flow through the delivery pathway (14) (i.e., delivery pathway is "closed"), and a second mode position where the diversion member (24) is positioned to allow flow through the delivery pathway (14) (i.e., delivery pathway is "open"). Supplying power to actuate the actuator moves the diversion member (24) from its normally biased first mode or "closed" position, which is also a failsafe position, toward its second mode or "open" position. In the "open" position, drug is supplied to target sites, typically from a drug supply reserve within the regulator.

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CPC (source: EP)
A61M 5/16877 (2013.01); **A61M 5/16881** (2013.01); **A61M 39/28** (2013.01)

Citation (search report)

- [XA] US 5011472 A 19910430 - AEBISCHER PATRICK [US], et al
- [XA] US 3963380 A 19760615 - THOMAS JR LYELL J, et al
- [XA] WO 0126714 A1 20010419 - DURECT CORP [US], et al
- See references of WO 2004012794A1

Designated contracting state (EPC)
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