

Title (en)

REACTIVE POLYMERIC VALVE, DISPENSING DEVICES AND METHODS USING SAME

Title (de)

REAKTIVES POLYMERVENTIL, SPENDERGERÄTE UND -METHODEN, DIE DIESES VENTIL NUTZEN

Title (fr)

VALVE POLYMERÉE REACTIVE, DISPOSITIFS DE DISTRIBUTION ET PROCÉDÉS D'UTILISATION DE CES DERNIERS

Publication

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Application

**EP 00970830 A 20001012**

Priority

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- US 41633999 A 19991012

Abstract (en)

[origin: WO0126708A1] The present invention includes polymeric valves and valve devices. The invention also includes machines or instruments using those aspects of the invention. Devices of the present invention include implantable devices with a sufficiently long lifetime that are responsive to the patient's therapeutic requirements and deliver a certain amount of a drug in response to a biological stimulus. The present invention includes methods and processes using the devices of the present invention.

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**A61M 1/00; B65D 47/00; G01F 15/00**

IPC 8 full level

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Citation (search report)

- [X] US 5368704 A 19941129 - MADOU MARC J [US], et al
- [X] DE 19812436 A1 19990930 - UNIV DRESDEN TECH [DE]
- [X] US 5951600 A 19990914 - LEMELSON JEROME H [US]
- See references of WO 0126708A1

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DOCDB simple family (publication)

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