

Title (en)
CONTROL OF BLOOD FLOW TO AN ORGAN.

Title (de)
REGELUNG DES BLUTFLUSSES ZU EINEM ORGAN.

Title (fr)
REGULATION DE L'IRRIGATION SANGUINE D'UN ORGANE.

Publication
EP 0281574 A4 19890720 (EN)

Application
EP 87904809 A 19870717

Priority
AU PH700086 A 19860717

Abstract (en)
[origin: WO8800455A1] A blood flow control system for controlling the amount of blood flowing through an artery to an organ consists of an inflatable occluder (10) that is placed around the artery and an implanted device (15) for actuation of the cuff. The implanted device is in fluid communication (13, 14) with the occluder (10). The amount of blood flow through the artery is controlled by the transcutaneous operation of the implanted device (15). The blood flow control system is particularly suitable for controlling the flow of blood to secondary tumors of the liver by intermittent compression of the hepatic artery as an adjustment to the direct infusion of chemotherapeutic agents. The system can also be used to occlude the splenic artery to treat hypersplenism.

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A61B 17/12

IPC 8 full level
A61M 39/00 (2006.01); **A61B 17/12** (2006.01); **A61M 25/00** (2006.01)

CPC (source: EP)
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Citation (search report)

- WO 8601395 A1 19860313 - INTRA OPTICS LAB PTY LTD [AU]
- See references of WO 8800455A1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

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AU 8700225 W 19870717; DK 147388 A 19880317; EP 87904809 A 19870717; FI 881021 A 19880304; JP 50450987 A 19870717