

Title (en)
LOCAL DRUG INFUSION CATHETER

Title (de)
LOKALER ARZNEIINFUSIONSKATHETER

Title (fr)
CATHÉTER POUR LA PERFUSION LOCALE DE MÉDICAMENTS

Publication
EP 2224990 A4 20120328 (EN)

Application
EP 08714501 A 20080225

Priority
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Abstract (en)
[origin: WO2009076732A1] A local drug infusion catheter described herein comprises in the first embodiment a three-lumen (11, 12, and 13) catheter (10) that has an occlusion balloon (20) in the proximal portion, an infusion balloon (30) in the distal portion, and openings (15) on the surface of the catheter (10) disposed between the occlusion balloon (20) and the infusion balloon (30) for the distal infusion of saline solution; the said infusion balloon (30) creates a chamber (50) between the surface of its medial portion (33) and the wall of the artery (100). In the second embodiment, the local drug infusion catheter comprises a one-lumen (13) catheter (10) fitted with an infusion balloon (30) that creates a chamber (50) between the surface of its medial portion (33) and the wall of the artery (100), said chamber (50) being sealed in the distal and proximal portions by the protrusions (32) disposed on the ends of the infusion balloon (30). In the third embodiment, the three-lumen (16, 17, and 18) catheter (10) has one occlusion balloon (60) in the proximal portion, one occlusion balloon (70) in the distal portion, and openings (19) disposed on the surface of the catheter (10) between the proximal (60) and the distal occlusion balloon (70).

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Citation (search report)
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• [XA] WO 9717099 A1 19970515 - BARD INC C R [US]
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• [X] WO 9604952 A1 19960222 - SCHNEIDER USA INC [US]
• [XI] ANONYMOUS: "Ballon catheter for delivering therapeutic agents", RESEARCH DISCLOSURE, MASON PUBLICATIONS, HAMPSHIRE, GB, vol. 429, no. 2, 1 January 2000 (2000-01-01), XP007125287, ISSN: 0374-4353
• See references of WO 2009076732A1

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