

Title (en)
CORRUGATED BALLOON CATHETER AND METHODS OF USE THEREOF

Title (de)
GERIFFELTER BALLONKATHETER UND ANWENDUNGSVERFAHREN DAFÜR

Title (fr)
CATHÉTER À BALLONET ONDULÉ ET SES PROCÉDÉS D UTILISATION

Publication
EP 2306910 A4 20110817 (EN)

Application
EP 09773060 A 20090702

Priority
• IL 2009000668 W 20090702
• US 7752008 P 20080702
• US 14384709 P 20090112

Abstract (en)
[origin: WO2010001405A1] IA balloon catheter including an outer conduit, an inner conduit disposed within the lumen of the outer conduit. The distal tip of the inner conduit extends beyond the distal tip of the outer conduit. The inner conduit is capable of being longitudinally moved within the outer conduit. An inflatable balloon has a proximal margin attached to the outer surface of the outer conduit's distal tip, and a distal margin attached to the outer surface of the portion of inner conduit extending beyond the distal tip of the outer conduit. The balloon has at least one corrugated portion. The distal end portion of the balloon is capable of intussuscepting upon proximal movement of the inner conduit within the outer conduit. The catheter has a fluid port for introducing an inflation fluid into the space formed between the outer conduit and the inner conduit and into the lumen of the balloon.

IPC 8 full level
A61B 17/22 (2006.01)

CPC (source: EP US)
A61B 17/22032 (2013.01 - EP); **A61B 17/320725** (2013.01 - EP); **A61M 25/1002** (2013.01 - EP US); **A61M 25/10182** (2013.11 - US); **A61M 25/10185** (2013.11 - US); **A61B 2017/22038** (2013.01 - EP); **A61M 25/1006** (2013.01 - EP); **A61M 25/10186** (2013.11 - EP); **A61M 2025/0008** (2013.01 - EP); **A61M 2025/1068** (2013.01 - EP); **A61M 2025/1086** (2013.01 - EP)

Citation (search report)
• [A] WO 9517223 A1 19950629 - BARD INC C R [US]
• See references of WO 2010001405A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
WO 2010001405 A1 20100107; CA 2728773 A1 20100107; CN 102131470 A 20110720; EP 2306910 A1 20110413; EP 2306910 A4 20110817; JP 2011526530 A 20111013

DOCDB simple family (application)
IL 2009000668 W 20090702; CA 2728773 A 20090702; CN 200980132737 A 20090702; EP 09773060 A 20090702; JP 2011515734 A 20090702