

Title (en)
IMPROVED CATHETER

Title (de)
VERBESSERTER KATHETER

Title (fr)
CATHÉTER PERFECTIONNÉ

Publication
EP 2164407 A1 20100324 (EN)

Application
EP 08772194 A 20080627

Priority
• US 2008068643 W 20080627
• US 94680707 P 20070628

Abstract (en)
[origin: WO2009006335A1] An improved catheter is provided. The catheter may include a deflectable member located at a distal end of the catheter. The deflectable member may comprise an ultrasound transducer array. The catheter may include a lumen extending from a proximal end of the catheter to the distal end. The lumen may be used to deliver an interventional device to a point distal to the distal end of the catheter. The deflectable member may be selectively deflectable in a pivot-like manner through an arc of at least 90 degrees. In embodiments where the deflectable member includes an ultrasound transducer array, the ultrasound transducer array may be operable to image both when aligned with the catheter and when pivoted relative to the catheter. When pivoted relative to the catheter, the ultrasound transducer array may have a field of view distal to the distal end of the catheter.

IPC 8 full level
A61B 8/12 (2006.01); **A61B 1/00** (2006.01); **A61B 8/08** (2006.01); **A61B 19/00** (2006.01); **A61B 17/00** (2006.01); **A61B 17/34** (2006.01); **A61M 25/01** (2006.01)

CPC (source: EP)
A61B 1/00183 (2013.01); **A61B 8/0841** (2013.01); **A61B 8/12** (2013.01); **A61B 8/445** (2013.01); **A61B 8/446** (2013.01); **A61B 90/37** (2016.02); **A61B 17/3478** (2013.01); **A61B 2017/003** (2013.01); **A61B 2017/22014** (2013.01); **A61B 2017/22039** (2013.01); **A61B 2017/2906** (2013.01); **A61B 2090/3784** (2016.02); **A61M 25/0138** (2013.01); **A61M 25/0147** (2013.01)

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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
WO 2009006335 A1 20090108; AU 2008269930 A1 20090108; AU 2008269930 B2 20120802; CA 2691449 A1 20090108; EP 2164407 A1 20100324; EP 2164407 A4 20120711; JP 2010531718 A 20100930; JP 5576274 B2 20140820

DOCDB simple family (application)
US 2008068643 W 20080627; AU 2008269930 A 20080627; CA 2691449 A 20080627; EP 08772194 A 20080627; JP 2010515194 A 20080627