

Title (en)  
IMPROVED CATHETER

Title (de)  
VERBESSERTER KATHETER

Title (fr)  
CATHÉTER PERFECTIONNÉ

Publication  
**EP 2164407 A4 20120711 (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  
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Citation (search report)  
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• [A] EP 0774232 A1 19970521 - CORDIS CORP [US]  
• [A] WO 2005104927 A2 20051110 - USGI MEDICAL INC [US], et al  
• See references of WO 2009006335A1

Designated contracting state (EPC)  
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