

Title (en)  
IMPROVED GUIDE WIRE SYSTEMS FOR INTRAVASCULAR CATHETERS

Publication  
**EP 0483270 A4 19920909 (EN)**

Application  
**EP 90911827 A 19900719**

Priority  
US 38286689 A 19890720

Abstract (en)  
[origin: WO9101156A1] A vascular catheter (10) comprises a catheter body (12) having a fixed guide wire (40) secured to its distal ends (16). The fixed guid wire (40) includes an axial passage (42) which is aligned with a wire lumen (46) within the catheter body (12) so that the vascular catheter (10) can be introduced to the vascular system over a movable guide wire (48). The catheter body (12) typically comprises flexible tube (12) having a housing (24) secured to its distal end (16). A variety of interventional devices, including both therapeutic and diagnostic devices, can be disposed within the housing. Use of both a fixed guide wire (40) and a movable guide wire (48) facilitates initial introduction of even large diameter vascular catheters, while allowing subsequent repositioning of the catheters after the movable guide wire (48) has been withdrawn.

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CPC (source: EP)  
**A61M 25/09** (2013.01); **A61M 2025/09066** (2013.01)

Citation (search report)  
• [X] WO 8902763 A1 19890406 - LEOCOR INC [US]  
• [YD] EP 0163502 A2 19851204 - DEVICES VASCULAR INTERVENTION [US]  
• [A] CH 658195 A5 19861031 - WILSON COOK MEDICAL INC  
• [A] US 4444186 A 19840424 - WOLVEK SIDNEY [US], et al  
• [A] EP 0277369 A2 19880810 - ADVANCED CARDIOVASCULAR SYSTEM [US]  
• See references of WO 9101156A1

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

DOCDB simple family (publication)  
**WO 9101156 A1 19910207**; EP 0483270 A1 19920506; EP 0483270 A4 19920909; JP 3045306 B2 20000529; JP H04506912 A 19921203

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**US 9004076 W 19900719**; EP 90911827 A 19900719; JP 51107590 A 19900719