

Title (en)  
INSTRUMENTS AND SYSTEMS FOR PERFORMING THROUGH-PORT OFF-PUMP CORONARY ARTERY BYPASS SURGERY

Title (de)  
INSTRUMENTE UND SYSTEME FÜR DIE DURCHFÜHRUNG EINER AORTOKORONAREN THROUGH-PORT-OFF-PUMP-BYPASSOPERATION

Title (fr)  
INSTRUMENTS ET SYSTEMES POUR CHIRURGIE DE PONTAGE DE L'ARTERE CORONAIRE OFF-PUMP, A POINT D'ACCES

Publication  
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Application  
**EP 01979669 A 20011010**

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- US 68653000 A 20001011
- US 68669600 A 20001011
- US 73349300 A 20001208
- US 73349800 A 20001208
- US 73350300 A 20001208
- US 74138700 A 20001220
- US 89305101 A 20010627
- US 89309901 A 20010627
- US 89314101 A 20010627

Abstract (en)  
[origin: WO0230352A2] A system for performing through port off-pump coronary artery bypass surgery includes a port insertable between ribs into a chest wall of a patient, a heart stabilizer extendable through and stably coupable to the port, and an instrument stabilizer adapted to dampen extraneous movement to which a surgical instrument extending through the stabilizer is subject.

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Citation (search report)

- [XY] US 6036641 A 20000314 - TAYLOR CHARLES S [US], et al
- [XY] US 5279575 A 19940118 - SUGARBAKER DAVID J [US]
- [Y] WO 0030551 A1 20000602 - INTUITIVE SURGICAL INC [US]
- [Y] US 6017304 A 20000125 - VIERRA MARK A [US], et al
- [A] WO 0015119 A2 20000323 - MEDTRONIC INC [US], et al
- [PA] EP 1090588 A2 20010411 - COMPUTER MOTION INC [US]
- [A] WO 9817191 A1 19980430 - MAGNETIC VISION GMBH [CH], et al
- [A] US 5054497 A 19911008 - KAPP JOHN P [US], et al
- [A] US 4998938 A 19910312 - GHAJAR JAMSHID B G [US], et al
- [X] US 5980455 A 19991109 - DANIEL S CHRISTOPHER [US], et al
- [X] EP 0920835 A1 19990609 - ETHICON ENDO SURGERY INC [US]
- [X] CA 2261488 A1 20000721 - CARTIER RAYMOND [CA], et al
- [X] DE 2449364 A1 19760422 - LIPPERT HORST
- [X] DE 3306056 C1 19840906 - FABER ERICH DR
- [X] US 5324308 A 19940628 - PIERCE JAVIN [US]
- See references of WO 0230352A2

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