

Title (en)
CATHETER HAVING HYDRAULIC ACTUATOR AND LOCKING SYSTEM

Title (de)
KATHETER MIT EINEM HYDRAULISCHEM AKTUATOR UND EINEM VERRIEGELUNGSSYSTEM

Title (fr)
CATHÉTER DOTÉ D'UN ACTIONNEUR HYDRAULIQUE ET D'UN SYSTÈME DE VERROUILLAGE

Publication
EP 2967949 A1 20160120 (EN)

Application
EP 13720154 A 20130312

Priority
US 2013030513 W 20130312

Abstract (en)
[origin: WO2014142808A1] Catheter including a pressure chamber defined by proximal and distal seals and inner and outer tubular members. An actuator member, moveable between first and second positions, is disposed within the pressure chamber. Fluid introduced into the pressure chamber applies a force on the actuator member to move the actuator member toward the second position. A lock mechanism, disposed between inner and outer tubular members, includes a latch having an engaged condition preventing movement of the outer tubular member relative the inner member and a disengaged condition allowing movement the outer member. The latch is shifted to the disengaged condition when the actuator member is moved to the second position. With the actuator member in the second position and the latch in the disengaged condition, fluid introduced through the fluid flow port and into the pressure chamber applies a force on the proximal seal to urge the outer tubular member proximally.

IPC 8 full level
A61F 2/966 (2013.01)

CPC (source: CN EP US)
A61F 2/95 (2013.01 - CN); **A61F 2/962** (2013.01 - CN); **A61F 2/966** (2013.01 - CN EP US); **A61F 2002/9505** (2013.01 - CN)

Citation (search report)
See references of WO 2014142808A1

Designated contracting state (EPC)
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CN 107744418 B 20200710; CR 20150528 A 20160407; EP 2967949 A1 20160120; JP 2016514003 A 20160519; JP 6172779 B2 20170802

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US 2013030513 W 20130312; CN 201380074601 A 20130312; CN 201711155958 A 20130312; CR 20150528 A 20151009;
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