

Title (en)

OPTICAL CATHETER AND PULLBACK AND ROTATION SYSTEM AND METHOD

Title (de)

OPTISCHER KATHETER SOWIE RÜCKZUGS- UND DREHUNGSSYSTEM UND -VERFAHREN DAFÜR

Title (fr)

CATHÉTER OPTIQUE ET SYSTÈME ET PROCÉDÉ DE RETRAIT ET DE ROTATION

Publication

**EP 2083676 A2 20090805 (EN)**

Application

**EP 07854236 A 20071019**

Priority

- US 2007081978 W 20071019
- US 86230906 P 20061020

Abstract (en)

[origin: WO2008051859A2] An optical catheter system comprising an intraluminal catheter that provides optical signals to a patient and carries optical signals from the patient, an outer housing, and an inner carriage that moves longitudinally relative to the outer housing and rotates relative to the outer housing during operation when the catheter system is being driven by a pullback and rotation system. The optical catheter system has an interlock system that prevents rotation and longitudinal movement of the inner carriage in the outer housing until attached to the pullback and rotation system. The pullback and rotation system comprises a frame and a catheter system interface, attached to the frame, to which the catheter system is coupled. A carriage drive system is further provided that moves longitudinally and rotates relative to the frame to provide rotation and longitudinal drive to the catheter system.

IPC 8 full level

**A61B 5/00** (2006.01)

CPC (source: EP KR)

**A61B 1/00** (2013.01 - KR); **A61B 5/0066** (2013.01 - EP); **A61B 5/6852** (2013.01 - EP); **A61B 8/12** (2013.01 - KR)

Citation (search report)

See references of WO 2008051859A2

Designated contracting state (EPC)

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