Title (en)

ARTICULATING MECHANISMS AND LINK SYSTEMS WITH TORQUE TRANSMISSION IN REMOTE MANIPULATION OF INSTRUMENTS AND TOOLS

Title (de)

GELENKMECHANISMEN UND VERBINDUNGSSYSTEME MIT DREHMOMENTÜBERTRAGUNG BEI DER FERNMANIPULATION VON INSTRUMENTEN UND WERKZEUGEN

Title (fr)

MECANISMES D'ARTICULATION ET SYSTEMES DE LIAISON A TRANSMISSION DE COUPLE DANS UNE MANIPULATION A DISTANCE D'INSTRUMENTS ET D'OUTILS

Publication

EP 1838223 A2 20071003 (EN)

Application

EP 05856967 A 20051118

Priority

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Abstract (en)

[origin: WO2006073581A2] Articulating mechanisms, link systems, and components thereof, useful for a variety of purposes including, but not limited to, the remote manipulation of instruments such as surgical or diagnostic instruments or tools, are provided. The link systems include links wherein torque can be transferred between at least two adjacent links while allowing for pivoting motion between the links. Mechanisms for preventing undesired lateral movement of links relative to one another are also provided.

IPC 8 full level

A61B 17/00 (2006.01); **A61B 17/072** (2006.01); **A61B 17/28** (2006.01); **A61B 17/32** (2006.01); **A61B 19/00** (2006.01); **A61M 25/01** (2006.01)

CPC (source: EP)

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Citation (search report)

See references of WO 2006073581A2

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WO 2006073581 A2 20060713; **WO 2006073581 A3 20070222**; **WO 2006073581 A8 20070621**; EP 1838223 A2 20071003

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