

Title (en)  
LUMEN FLUID CONTROL AND ENDOSCOPE COUPLING ADAPTOR

Title (de)  
LUMENFLÜSSIGKEITSSTEUERUNG UND ENDOSKOPKUPPLUNGSADAPTER

Title (fr)  
RÉGULATION DE LIQUIDE DE LUMIÈRE ET ADAPTATEUR D'ACCOUPLEMENT D'ENDOSCOPE

Publication  
**EP 4216792 A1 20230802 (EN)**

Application  
**EP 21871832 A 20210922**

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• IL 2021051148 W 20210922

Abstract (en)  
[origin: WO2022064489A1] Lumen fluid conducting and endoscope coupling adaptor for insertion through a lumen entry into a lumen of a patient, comprising: a proximal external body- recliner; a protruding muzzle coupled to the recliner which penetrates through the lumen entry into the proximal portion of the lumen; a collapsible clutch disposed at the distal end of the muzzle, configured to assume an expanded state in the lumen for fixating the adaptor; a longitudinally extending endoscope bore allowing insertion and retraction of an endoscope through the adaptor; and a lumen fluids conducting arrangement, comprising: a longitudinally extending conduit in fluid communication with the endoscope bore; a fluid suction port in fluid communication with the conduit for releasing fluids from the lumen; a proximal seal for preventing outward leakage of the lumen fluids; and a lumen seal for preventing backflow of lumen fluids by sealing the gap between the protruding muzzle and the lumen.

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