

Title (en)
MEDICAL BORESCOPIES AND RELATED METHODS AND SYSTEMS

Title (de)
MEDIZINISCHE BOROSKOPE SOWIE ZUGEHÖRIGE VERFAHREN UND SYSTEME

Title (fr)
ENDOSCOPES MÉDICAUX ET PROCÉDÉS ET SYSTÈMES ASSOCIÉS

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Application
EP 16871676 A 20161202

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• US 201514958728 A 20151203
• US 2016064846 W 20161202

Abstract (en)
[origin: WO2017096316A1] Borescopes and related methods. In some embodiments, a medical borescope system may comprise a medical borescope comprising a tube comprising a first end and a second end opposite from the first end; a light source positioned adjacent to the first end configured to generate light at the first end; and an image sensor positioned adjacent to the first end. The system may further comprise a data communication link coupled with the image sensor and a dongle comprising an image processor configured to receive image data from the image sensor that is removably coupleable with the medical borescope such that the dongle can be coupled with a plurality of distinct medical borescopes. The dongle may be configured to at least one of receive and detect borescope-specific parameter data from the medical borescope, wherein the borescope-specific parameter data comprises data unique to the medical borescope.

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Citation (search report)
• [XAY] US 2009318758 A1 20091224 - FARR MINA [US], et al
• [Y] US 2013278739 A1 20131024 - TANAKA SATOSHI [JP], et al
• [A] US 2002188173 A1 20021212 - KOBAYASHI HIROYUKI [JP]
• See also references of WO 2017096316A1

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