

Title (en)

VIDEO-ENDOSCOPY SYSTEM, COUPLING DEVICE, VIDEO ENDOSCOPE, AND CONTROL DEVICE

Title (de)

VIDEOENDOSKOPIESYSTEM, KOPPLUNGSEINRICHTUNG, VIDEOENDOSKOP UND KONTROLLEINRICHTUNG

Title (fr)

SYSTÈME DE VIDÉO-ENDOSCOPIE, DISPOSITIF DE COUPLAGE, VIDÉO-ENDOSCOPE ET DISPOSITIF DE COMMANDE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2015000554A1] The invention relates to a video endoscopy system (1), comprising a video endoscope (100) having an image pick-up device (109) for recording image data, a control device (200) for the video endoscope (100), and a coupling device for connecting the video endoscope (100) to the control device (200), comprising a first coupling unit (115) on the video endoscope (100) and a second coupling unit (215) on the control device (200). The invention further provides a coupling device (115, 215) of a video endoscopy system (1) according to the invention, a video endoscope (100) of a video endoscopy system (1) according to the invention, and a control device (200) of a video endoscopy system (1) according to the invention. The video endoscopy system (1) according to the invention is further developed in that the coupling device is provided with an inductive interface (102, 204) between the two coupling units (115; 215) for supplying the video endoscope (100) with electrical energy, and with an optical interface (103, 203) between the two coupling units (115; 215) for transmitting control data and/or image data recorded by means of the image pick-up device (109).

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2015000554A1

Citation (examination)

- US 2006287576 A1 20061221 - TSUJI KIYOSHI [JP], et al
- US 2006173242 A1 20060803 - NAVOK EZRA [US], et al

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