

Title (en)
ENDOSCOPY SYSTEM AND LIGHT SOURCE OF AN ENDOSCOPY SYSTEM

Title (de)
ENDOSKOPIESYSTEM UND LICHTQUELLE EINES ENDOSKOPIESYSTEMS

Title (fr)
SYSTÈME ENDOSCOPIQUE ET SOURCE LUMINEUSE D'UN SYSTÈME ENDOSCOPIQUE

Publication
EP 3515283 A1 20190731 (DE)

Application
EP 17805117 A 20171108

Priority
• DE 102016124730 A 20161216
• EP 2017078617 W 20171108

Abstract (en)
[origin: WO2018108394A1] An endoscopy system with an endoscope, a light source and a light guiding cable connecting the light source to the endoscope, and a corresponding light source are proposed, wherein the endoscope comprises at least one bundle of endoscope optical fibers, the cable comprises at least one bundle of cable optical fibers, provision is made of a light source coupling point at which light of the light source is input coupled into the at least one bundle of cable optical fibers and provision is made of an endoscope coupling point at which light of the light source is coupled out of the at least one bundle of cable optical fibers and into the at least one bundle of endoscope optical fibers. The endoscopy system and the light source are further developed to the effect of the light source being configured to selectively illuminate individual cable optical fibers or groups of cable optical fibers at the light source coupling point and to the effect of the light source having assigned thereto a control device that is able to control the light source in such a way that only or predominantly those cable optical fibers that are coupled to endoscope optical fibers at the endoscope coupling point are illuminated in a targeted manner.

IPC 8 full level
A61B 1/07 (2006.01); **A61B 1/00** (2006.01); **A61B 1/06** (2006.01)

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Citation (search report)
See references of WO 2018108394A1

Designated contracting state (EPC)
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