

Title (en)
STEREOENDOSCOPE

Title (de)
STEREOENDOSKOP

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ENDOSCOPE STÉRÉOSCOPIQUE

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Application
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Abstract (en)
[origin: WO2019072615A1] The invention relates to a stereoendoscope having a shaft (3) and an objective (4, 300) arranged at the distal end of the shaft (3), the objective (4, 300) comprising the following: a distal objective section (A), in which beam paths of a right-hand partial image and of a left-hand partial image run through common optical components (301, 303, 304, 305); a proximal objective section (C), in which the beam paths of the right-hand partial image and of the left-hand partial image run through separate optical components; and a transition section (B), in which the beam paths of the right-hand partial image and of the left-hand partial image, which exit the distal objective section (A) at an angle to one another, are oriented parallel to one another; and wherein the transition section comprises a spreading arrangement (310, 311) in order to increase the distance of the beam paths of the right-hand partial image and of the left-hand partial image relative to one another. In this case, the spreading arrangement (310, 311) is configured to spread the beam paths of the right-hand partial image and of the left-hand partial image asymmetrically relative to an optical axis of the distal objective section (A).

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Citation (search report)
See references of WO 2019072615A1

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