

Title (en)
BORESCOPE HAVING A ROTARY HEAD

Title (de)
BOROSKOP MIT ROTATIONSKOPF

Title (fr)
BOROSCOPE

Publication
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Application
EP 20807717 A 20201113

Priority
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Abstract (en)
[origin: CA3158259A1] The invention relates to a borescope (1), in particular for the borescopy of fuel chambers (58) of aircraft engines (50), and to an assembly (31) comprising a borescope (1). The borescope (1) comprises an electronic image capturing unit (20) with at least one image capturing sensor (22, 23) with a receiving cone at a first end (4) of a shaft (3) which has a shaft axis (3') and through which data and supply lines (21) for the image capturing unit (20) are guided. The image capturing unit (20) is arranged on a rotary head (10) which is rotatably secured to the first end (4) about the shaft axis (3') such that the axis (22', 23') of the receiving cone is not parallel to the shaft axis (3') on the first end (4) and a panoramic image can be captured by rotating the rotary head (10). The assembly (30) comprises a borescope (1) according to the invention and a control and analysis unit (31) which is designed to control the rotational movement of the rotary head (10) and the image capturing unit (20) and to combine the image data captured by the at least one image capturing sensor (22, 23) in order to form a panoramic image.

IPC 8 full level
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