

(54) Title of the invention : DEVICE FOR SEARCHING FOR DEFECTS ON PARTS BY ENDOSCOPY

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(57) Abstract :

A device for searching for defects on parts that are masked, such as turbine engine blades, the device comprising a tubular sheath (28), light-guide means for guiding light and image-transmission means for transmitting images housed inside the sheath, an 10 examination head (62) at the distal end of the sheath (28) including illumination means and image-taking means connected to the light-guide means and to the imagetransmission means housed in the sheath (28), and means for spraying a succession of penetrant test materials on 15 the part for inspection, said means comprising a capillary (32) slidably guided in a duct housed in the sheath (28). The device also comprises means for adjusting the orientation of the examination head at the distal end of the sheath.

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