

Title (en)

OPTICAL DEVICE FOR INTERFEROMETRIC ANALYSIS OF THE CONDITION OF THE INTERNAL SURFACE OF A TUBE

Title (de)

OPTISCHE VORRICHTUNG ZUR INTERFEROMETRISCHEN ANALYSE DES ZUSTANDES DER INNEREN OBERFLÄCHE EINES ROHRES

Title (fr)

DISPOSITIF OPTIQUE D'ANALYSE INTERFEROMETRIQUE DE L'ETAT DE SURFACE INTERNE D'UN TUBE

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Application

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Abstract (en)

[origin: WO2013024229A1] The invention relates to an optical device for the interferometric analysis of the condition of the internal surface of a tube (11). The device comprises an optical fibre (3), the free end of which is pointed and then bevelled at the single core thereof and the bevelled surface is metallised (10), such that only part of the surface of the fibre core participates in reflecting the incident beam perpendicularly to the axis of the fibre.

IPC 8 full level

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See references of WO 2013024229A1

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