

Title (en)

ARRANGEMENT FOR EXAMINING MAT, FLAT AND/OR CURVED SURFACES

Title (de)

ANORDNUNG ZUR INSPEKTION VON MATTEN EBENEN UND/ODER GEKRÜMMTEN OBERFLÄCHEN

Title (fr)

DISPOSITIF POUR LE CONTROLE DE SURFACES MATES PLANES ET/OU COURBES

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Application

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Abstract (en)

[origin: DE19641349A1] The invention relates to an arrangement for examining mat flat and/or curved surfaces to detect faults linked with irregularity in the run of the surface, specially to examine mat, non-painted body structures. To this end, a lighting device conducts a strip illumination of the surface. The surface thus illuminated is observed in an reflecting angle. At least one light-dark border (6), that is only bigger in angular range than a limiting angle to the normal to the surface to be examined, is placed almost parallel to the surface and transversely with respect to the main observation direction. The angular range defined between the limiting angle and the normal remains dark. The light-dark border is bigger than the limiting angle in the angular range and is displaceable in relation to the surface (1), whereby the limiting angle amounts to at least 60 DEG .

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