

Title (en)
DEVICE AND METHOD FOR DETECTING SCRATCHES

Title (de)
VORRICHTUNG UND VERFAHREN ZUR DETEKTION VON KRATZERN

Title (fr)
PROCEDE ET DISPOSITIF POUR DETECTER DES RAYURES

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Application
EP 05707360 A 20050212

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Abstract (en)
[origin: WO2005116616A1] The invention relates to a device and a corresponding method for detecting scratches on the surface (2) of a material, in particular glass. Said device comprises an illumination unit (3) and a recording unit (4), which register a scanning line (6) on the surface (2) of the material and can be displaced in relation to said surface (2). In order to more accurately identify scratches, the illumination unit (3) comprises at least one light strip (9), which generates parallel light pools transversally to the scanning line (6), said pools being diffuse or quasi-diffuse along the scanning line (6) and preferably at least one light source (16), which generates a diffuse or quasi-diffuse light transversally to the scanning line (6).

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Citation (search report)
See references of WO 2005116616A1

Citation (examination)
• WO 0026647 A1 20000511 - IMAGE PROCESSING SYSTEMS INC [CA]
• WO 0011400 A1 20000302 - INTELLIGENT REASONING SYSTEMS [US]
• JP S6211135 A 19870120 - HITACHI ELECTR ENG
• DE 19838410 A1 19990325 - NIPPON MAXIS CO [JP]

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