Title (en)

APPARATUS AND METHOD FOR INSPECTING SURFACES WITH WAVELENGTH ANALYSIS

Title (de)

VORRICHTUNG UND VERFAHREN ZUM INSPIZIEREN VON OBERFLÄCHEN MIT WELLENLÄNGEN-ANALYSE

Title (fr)

APPAREIL ET PROCÉDÉ D'INSPECTION DE SURFACES PAR ANALYSE DE LONGUEUR D'ONDE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2023030861A1] An apparatus (1) for examining surface properties of painted surfaces, in particular of motor vehicles, comprising a first illumination device (2), which illuminates a surface (10) to be examined at a first illumination angle (a1), comprising a second illumination device (12), which illuminates the surface (10) at a second illumination angle (a2), comprising a first sensor device (4), which records radiation reflected and/or scattered by the surface illuminated by the second illumination device (2) at a first recording angle and outputs at least one value which is characteristic of the radiation that reaches the sensor device (4) from the surface, characterized in that the apparatus (1) comprises a radiation analysis device (4), which analyses radiation scattered and/or reflected by the surface with regard to its wavelength.

IPC 8 full level

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