

Title (en)

DEVICE FOR AUTOMATICALLY IDENTIFYING FLUORESCENCE OF TRACERS WITH A VIEW TO AUTOMATICALLY SORTING AND/OR CONTROLLING THE QUALITY OF MARKED PRODUCTS OR MATERIALS, WHICH MAY OR MAY NOT BE COLOURED

Title (de)

VORRICHTUNG ZUR AUTOMATISCHEN IDENTIFIZIERUNG DER FLUORESZENZ VON TRACERN ZUM AUTOMATISCHEN SORTIEREN UND/ ODER ZUR QUALITÄTSKONTROLLE VON MARKIERTEN PRODUKTEN ODER MATERIALIEN MIT ODER OHNE FÄRBUNG

Title (fr)

DISPOSITIF D'IDENTIFICATION AUTOMATIQUE DE FLUORESCENCE DE TRACEURS EN VUE DU TRI AUTOMATIQUE ET/OU DU CONTROLE DE QUALITE DE PRODUITS OU MATIERES MARQUEES, COLOREES OU NON.

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Application

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Abstract (en)

[origin: WO2015036719A1] The invention relates to a device (1) for identifying and/or authenticating a material (2) or an object, in particular for sorting dark or black plastic materials containing chemical tracers at concentrations of less than 50 ppm, comprising: - a source (3) of UV or IR excitation radiation (4); - a detector (6) for detecting fluorescence emitted by the material (2) subjected to said radiation; - processing means (8) for detecting and identifying the tracers. The invention also relates to a method for using such a device.

IPC 8 full level

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Citation (search report)

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