

Title (en)

DEVICE TO DETECT PARTICLES AND CORRESPONDING DETECTION METHOD

Title (de)

VORRICHTUNG ZUM NACHWEIS VON PARTIKELN UND ENTSPRECHENDES NACHWEISVERFAHREN

Title (fr)

DISPOSITIF POUR DÉTECTER DES PARTICULES ET PROCÉDÉ DE DÉTECTION CORRESPONDANT

Publication

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Application

EP 14790331 A 20140910

Priority

- IT UD20130118 A 20130911
- IB 2014064364 W 20140910

Abstract (en)

[origin: WO2015036918A1] Device to detect particles comprising a support body (14) attachable in correspondence to an aperture (15) provided in a wall (12) of an analysis chamber (13) for a detection apparatus (1), such as an electronic electrostatic deflection analyzer or a time-of-flight analyzer. The support body (14) is configured to support at least an interposition element (16) configured to close the analysis chamber (13). The interposition element (16) is made of an electrically insulating material, transparent to visible light, and on the interposition element (16), on the side that during use faces inside the analysis chamber (13), a luminescent layer (20) and a resistive layer (21) with an ohmic resistance comprised between 1kΩ/sq and 50MΩ/sq. are disposed.

IPC 8 full level

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