

Title (en)
DUST COLLECTING AND ANALYSING APPARATUS AND METHOD FOR DETERMINING THE SIZE AND MASS OF PARTICLES DETACHING FROM FIBROUS MATERIAL

Title (de)
VORRICHTUNG ZUR STAUBSAMMLUNG UND -ANALYSE SOWIE VERFAHREN ZUR BESTIMMUNG DER GRÖSSE UND MASSE VON VON EINEM FASERMATERIAL ABGELÖSTEN PARTIKELN

Title (fr)
APPAREIL DE PRÉLÈVEMENT ET D'ANALYSE DE POUSSIÈRE ET PROCÉDÉ POUR LA DÉTERMINATION DE LA TAILLE ET DE LA MASSE DE PARTICULES SE DÉTACHANT DE MATÉRIAU FIBREUX

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Application
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Abstract (en)
[origin: WO2011064459A1] The invention relates to a dust collecting and analysing apparatus for determining the size and mass of particles detaching from fibrous material, such as paper or board webs or sheets. The apparatus comprises means (1) for controllably detaching dust from the surface of the material (11) being examined and means (14, 8) for leading the detached material (12) into a virtual impactor (15), where the detached dust is separated into fine material and coarse material, which are led to a fine material measuring apparatus (2) and a coarse material measuring apparatus (3), respectively, and the results obtained from the measuring apparatuses are combined in an analyser (5). The invention also comprises a method for determining the size and mass of particles detaching from fibrous material, such as paper or board webs or sheets.

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Citation (search report)
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