

Title (en)
DEVICE FOR REMOVING PARTICLES FROM A SEPARATION CHAMBER

Title (de)
VORRICHTUNG ZUM ENTFERNEN VON TEILCHEN AUS EINEM ABSCHIEDERAUM

Title (fr)
SYSTEME POUR EVACUER DES PARTICULES D'UN ESPACE DE SEPARATION

Publication
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Application
EP 04733341 A 20040517

Priority
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Abstract (en)
[origin: WO2004100748A1] The invention relates to a device for separating particles from the air, in particular for filtering dust. Said device comprises a housing (1) with a motor/fan unit (11) for sucking air laden with particles through an inlet (8), transporting said air through a ceramic filter (6), whereby the particles accumulate on the inflow-side surface (18) of the filter and for blowing off purified air on the outflow side through an outlet (19). In order to position, remove and insert the dust collector (9) independently of the ceramic filter (6), the device is equipped with a transport element (30) for transporting the particles that have been detached from the surface of the ceramic filter (6) into the dust collector (9). This allows the dust collection chamber to be separated from the chamber comprising the ceramic filter (6). As the separation chamber and dust collection chamber remain separate, the dust collector (9) can be removed and re-inserted without removing the ceramic filter (6) from the device.

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