

Title (en)

SEPARATOR AND METHOD FOR SEPARATING PARTICLES FROM A GAS FLOW

Title (de)

SEPARATOR UND VERFAHREN ZUM ABTRENNEN VON PARTIKELN AUS EINEM GASSTROM

Title (fr)

SÉPARATEUR ET PROCÉDÉ POUR SÉPARER DES PARTICULES D'UN FLUX DE GAZ

Publication

**EP 3188818 A1 20170712 (DE)**

Application

**EP 15757281 A 20150902**

Priority

- DE 102014112724 A 20140904
- EP 2015070055 W 20150902

Abstract (en)

[origin: WO2016034626A1] In order to create a separator for separating particles from a gas flow, which also facilitates a reliable particle separation under transient flow conditions and/or in case of high flow speeds, it is proposed that the separator has a feed line, through which the gas flow loaded with particles is conveyed to a separating region of the separator, wherein the feed line opens at a mouth opening having a mouth area AM into the separating region, a separating funnel, which forms a boundary of the separating region and an inlet opening opposite the opening of the feed line having an inlet area AE and an outlet opening spaced apart from the inlet opening having an outlet area AA, a gas outlet opening having a gas outlet area AG, which is bordered on one side by the mouth opening of the feed line and on the other side by the inlet opening of the separating funnel, and through which gas clean of particles exits the separating region, and a collection chamber in which particles passed through the separating filter are received.

IPC 8 full level

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Citation (search report)

See references of WO 2016034626A1

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