

Title (en)

ARRANGEMENT FOR THE PRECLEANING OF AIR AND AN AIR INTAKE SYSTEM EQUIPPED WITH SUCH AN ARRANGEMENT

Title (de)

ANORDNUNG ZUR VORREINIGUNG VON LUFT UND MIT DERARTIGER VORRICHTUNG AUSGERÜSTETES ANSAUGLUFTSYSTEM

Title (fr)

AGENCEMENT POUR LE PRÉ-NETTOYAGE DE L'AIR ET SYSTÈME D'ADMISSION D'AIR ÉQUIPÉ D'UN TEL AGENCEMENT

Publication

**EP 3154704 A4 20171129 (EN)**

Application

**EP 15805838 A 20150525**

Priority

- SE 1450701 A 20140610
- SE 2015050595 W 20150525

Abstract (en)

[origin: WO2015190976A1] An arrangement for the precleaning of air in an air duct upstream of a filter for the cleaning of air comprises a cyclone set (7) with cyclones (8) that together cover the cross-sectional area of the air duct and through which air is to pass on its way to the filter in order to separate particles from the air. A bend (10) is located immediately downstream of an outlet (9) from the set (7) that defines a change of direction of the said duct. A duct element (12) is arranged at the outlet (9) of the set (7) designed to define a section of channel (13) from the outlet through which the air must pass, and in its path away from the outlet towards a central axis (14) has converging walls (15).

IPC 8 full level

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CPC (source: EP SE)

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Citation (search report)

- [XII] EP 0558091 A1 19930901 - ATOMIC ENERGY SOUTH AFRICA [ZA], et al
- See references of WO 2015190976A1

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