

Title (en)

Method and assembly for cleaning plastic ventilation units with ventilation ducts

Title (de)

Verfahren und Anordnung zum Reinigen von mit Lüftungskanälen versehenen Lüftungskörpern aus Kunststoff

Title (fr)

Procédé et installation destinés au nettoyage de canaux d'aération pourvus de corps d'aération en plastique

Publication

EP 1882531 A3 20090805 (DE)

Application

EP 07405167 A 20070611

Priority

CH 12232006 A 20060727

Abstract (en)

[origin: EP1882531A2] The method involves removing ionized air particles, which adhere in ventilation channels (24a,24b) by a static charge. The air particles are conducted through the ventilation channels for cleaning. The ventilation channels have ventilation bodies (19), made of a synthetic material, particularly high frequency welding ventilation bodies for motor vehicles, and railed vehicles, ships, airplanes or air-conditioning systems. The ionized air particles have both positively and negatively charged ions. The ratio between positively and negatively charged ions is changeable. An independent claim is also included for a cleaning device with ventilation channels, which have ventilation bodies, made of a synthetic material.

IPC 8 full level

B08B 5/02 (2006.01); **B08B 9/032** (2006.01)

CPC (source: EP)

B08B 5/02 (2013.01); **B08B 9/0321** (2013.01); **B08B 9/035** (2013.01)

Citation (search report)

- [XAY] DE 10140906 A1 20030313 - KRONES AG [DE]
- [YA] DE 3711777 A1 19881027 - WANDRES CLAUS G DIPL ING [DE]

Cited by

EP3736357A1; WO2020225052A1; DE102008062378A1; US8834640B2; DE102018120693A1; CN110856852A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

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