

Title (en)

Method and device for dust removal in rooms with high level of dust

Title (de)

Verfahren und Vorrichtung zur Entstaubung von Räumen mit hoher Staubbelastung

Title (fr)

Méthode et dispositif de dépoussiérage pour des locaux à grande quantité de poussière

Publication

**EP 1010951 A3 20020904 (DE)**

Application

**EP 99124256 A 19991204**

Priority

DE 19858883 A 19981219

Abstract (en)

[origin: EP1010951A2] The method involves dividing the used air outlet vol. flow into two or more sub-vol. flows, whereby at least one sub-flow is fed into the circuit as a circulating flow after dust separation and at least one sub-flow is output directly or indirectly to the atmosphere as used air after dust separation.

IPC 1-7

**F24F 3/16**

IPC 8 full level

**F24F 3/16** (2006.01)

CPC (source: EP US)

**F24F 3/163** (2021.01 - EP US); **Y10S 55/18** (2013.01 - EP US)

Citation (search report)

- [XA] DE 29804941 U1 19980827 - BAEHREN & ROSENKRANZ KG [DE]
- [A] US 5152814 A 19921006 - NELSON TIMOTHY P [US]
- [A] DE 29611228 U1 19960905 - SCHULZ LUFTECHNIK GMBH [DE]

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**EP 1010951 A2 20000621**; **EP 1010951 A3 20020904**; DE 19858883 A1 20000629; DE 19858883 C2 20010201; US 6299667 B1 20011009

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**EP 99124256 A 19991204**; DE 19858883 A 19981219; US 46715999 A 19991220