

Title (en)

Ventilation device for spray paint assemblies

Title (de)

Belüftungsvorrichtung für Spritzlackieranlagen

Title (fr)

Dispositif d'aération pour installations de laquage par pulvérisation

Publication

EP 2368642 B1 20130320 (DE)

Application

EP 10005634 A 20100531

Priority

DE 202010001169 U 20100119

Abstract (en)

[origin: EP2368642A1] The device has a spraying booth for lacquering objects e.g. rail-mounted vehicles, and a supply air device for loading the spraying booth with supply air. An exhaust air device is provided for removal of exhaust air from the spraying booth. The supply air and exhaust air devices exhibit motor-driven fans and/or pumps. A control device (17) uses coating material flow as control parameter for controlling the supply air and/or exhaust air devices. Output frequency of a frequency converter (18) controls motor performance of the fans and/or pumps based on the parameter.

IPC 8 full level

B05B 15/12 (2006.01); **B05B 16/60** (2018.01); **F24F 7/007** (2006.01); **B05B 12/00** (2018.01)

CPC (source: EP)

B05B 16/60 (2018.01); **F24F 7/007** (2013.01); **B05B 12/006** (2013.01)

Cited by

EP2762239A1; US10150129B2; EP2762239B1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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