

Title (en)

INSTALLATION WITH A CONTROL SYSTEM FOR CONTROLLING AIR EXTRACTION SPEED, IN PARTICULAR IN LABORATORY HOODS

Title (de)

VORRICHTUNG MIT KONTROLLSYSTEM FÜR DIE LUFTGESCHWINDIGKEITSÜBERWACHUNG INSBESONDERE FÜR EINEN LABORABZUGSCHRANK

Title (fr)

INSTALLATION AVEC UN SYSTEME DE CONTROLE DE VITESSE D'AIR, NOTAMMENT DANS DES HOTTES DE LABORATOIRE

Publication

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Application

EP 01949554 A 20010628

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Abstract (en)

[origin: WO0202994A1] The invention concerns a system for controlling the frontal speed of a set of ventilating air extracting equipment (1, 2, 3, 4), in particular from laboratory hoods, inside premises. Each hood is connected to ventilating air extracting means (5, 6) and comprises means for regulating (10, 11, 12, 13) the frontal air speed, means for controlling the extracted air flow rate (18, 19, 20, 21, 22, 23, 24, 25, 26), means for measuring the extracted air flow, and means for measuring the frontal air speed (14, 15, 16, 17). Said system further comprises: a local communication network (38) where to the respective regulating means (10, 11, 12, 13) of said hoods are connected as slave regulators; a master regulator (8) connected to said local communication network and adapted to provide a gateway between said slave regulating means (10, 11, 12, 13) and remote control means (35, 36, 37), and to collect and add the extracted air measurements on each ventilating air extracting equipment.

IPC 8 full level

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EP 0884116 A2 19981216 - LANDIS & STAefa INC [US]

Cited by

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