

Title (en)  
A COMPUTERIZED VENTILATION SYSTEM

Title (de)  
RECHNERGESTÜTZTE LÜFTUNGSSYSTEM

Title (fr)  
SYSTEME DE VENTILATION INFORMATISE

Publication  
**EP 0746427 A1 19961211 (EN)**

Application  
**EP 95900016 A 19941109**

Priority  
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• AU PM226893 A 19931109

Abstract (en)  
[origin: WO9513146A1] This invention concerns ventilation systems, and in particular fume cupboards for chemical laboratories and the like. A fan running at constant speed extracts air from the fume cupboard through exhaust ducting, and an auxiliary duct allows air into the exhaust duct. Dampers in the ducts respond to measurements of the movement of the sash at the front of the fume cupboard to control the ratio of air drawn from the cupboard and through the auxiliary duct. The measurements are taken of direction and distance of sash movement, and are re-calibrated to a set point every time the sash passes a predetermined point.

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