

Title (en)

WINDOW VENTILATION APPARATUS FOR VENTILATION AND AIR CONDITIONING INSTALLATIONS

Publication

EP 0094000 B1 19850717 (DE)

Application

EP 83104336 A 19830503

Priority

DE 3216997 A 19820506

Abstract (en)

[origin: EP0094000A1] 1. Window blower apparatus for ventilating and air conditioning units having a blow-out shaft (13), a primary chamber (5) which extends over the length of the blow-out shaft (13) and which is fed with supply air, primary nozzles (10) through which the supply air is blown as primary air jets from the primary chamber (5) into the blow-out shaft (13), a secondary chamber (6) which extends over the length of the blow-out shaft (13) and which is fed with supply air in a variable volume flow, at least one secondary outlet (12) which is disposed parallel to the primary nozzles (10) and through which the supply air emerges from the secondary chamber (6) and is entrained by induction by the primary air jets, and inlet openings (14) which open into the blow-out shaft (13) in the region of the primary nozzles (10) and through which the air in the room is sucked by induction as tertiary air by the primary air jets, characterised in that a volume flow regulator (3) is provided in the supply line (1) feeding the primary chamber (5), and, in order to feed the secondary chamber (6) with supply air, the said secondary chamber (6) is connected to the primary chamber (5) by way of variable throughflow cross-section.

IPC 1-7

F24F 1/01

IPC 8 full level

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