

Title (en)  
AIR DISTRIBUTION DEVICE

Publication  
**EP 0389508 B1 19930317 (EN)**

Application  
**EP 88909397 A 19881024**

Priority  
SE 8704133 A 19871022

Abstract (en)  
[origin: WO8903961A1] An air distribution device (10) comprises an air inlet (12) which conducts incoming ventilation air (56), through a perforated distributing and throttling plate (32), to a distribution chamber (14) which is bounded on one side by a perforated front cover plate (24) of the device. Located inwardly of the front cover plate are guide rails (26) which are perpendicular to the incoming air flow and steer the exiting air in a first main direction. The device further comprises plates (30) which extend at right angles to the rails (26) and which function to support the guide rails and to guide the air exiting from the device in another main direction. The distributing end throttling plate (32) exhibits through-flow zones (34, 35, 36) with intermediate imperforate or constricted induction zones (38) on the downstream side of the plate, these zones being open towards a secondary air port (42) provided on the device.

IPC 1-7  
**F24F 1/01**; **F24F 13/06**

IPC 8 full level  
**F24F 13/06** (2006.01); **F24F 1/01** (2011.01); **F24F 13/068** (2006.01); **F24F 13/08** (2006.01)

IPC 8 main group level  
**F24F** (2006.01)

CPC (source: EP)  
**F24F 1/01** (2013.01); **F24F 13/068** (2013.01)

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DOCDB simple family (publication)  
**WO 8903961 A1 19890505**; AT E87082 T1 19930415; AU 2602788 A 19890523; DE 3879507 D1 19930422; DE 3879507 T2 19930930; DK 95090 A 19900417; DK 95090 D0 19900417; EP 0389508 A1 19901003; EP 0389508 B1 19930317; FI 901952 A0 19900419; FI 94670 B 19950630; FI 94670 C 19951010; JP 2647478 B2 19970827; JP H03500678 A 19910214; NO 168137 B 19911007; NO 168137 C 19920115; NO 901748 D0 19900420; NO 901748 L 19900420; SE 8704133 D0 19871022; SE 8704133 L 19890423

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