

Title (en)  
DEVICE FOR PRODUCING A DISPLACEMENT AIR STREAM

Publication  
**EP 0271652 A3 19890201 (DE)**

Application  
**EP 87114182 A 19870929**

Priority  
DE 3643175 A 19861218

Abstract (en)  
[origin: EP0271652A2] Serving to produce a displacement air stream is a housing (1), to which fresh air can be admitted via an air inlet (2) arranged at the top. The housing (1) is provided at the bottom with nozzles (5) serving as outlet openings, the centre-to-centre distance (t) of which corresponds to at least three to twelve times the outlet diameter (d) of the nozzles (5). Although the individual jets which can be produced by this device are not completely free from turbulences, they permit the formation of a stable displacement air stream with a relatively low air volume flow.  
<IMAGE>

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

IPC 8 full level  
**F24F 13/06** (2006.01)

CPC (source: EP)  
**F24F 13/06** (2013.01)

Citation (search report)  
• [XP] DE 8633796 U1 19870219  
• [A] GB 2120778 A 19831207 - HOWORTH AIR ENG LTD  
• [A] US 3074339 A 19630122 - GIANCARLO PENNATI  
• [A] FR 1505135 A 19671208 - WINKELSTRATER G M B H GEB

Cited by  
US5054379A; US5167577A; DE4127608B4; US10852015B2; EP3093574A1; JP2022009633A

Designated contracting state (EPC)  
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