

Title (en)  
AIR BLOWING DEVICE

Publication  
**EP 0418543 A3 19910717 (DE)**

Application  
**EP 90115370 A 19900810**

Priority  
DE 3931459 A 19890921

Abstract (en)  
[origin: EP0418543A2] The air blowing device has alternately arranged air outflow openings consisting of opposite inward formations and outward formations on the inside of both rail sides. The outward formations are designed as replaceable pieces to be built in and can be inserted in corresponding installation recesses of both rail sides. In this manner, it is possible, by means of the variable design of the formations, to bring about different air outflow cross-sections and air outflow angles or directions, so that optimum incoming air supply is guaranteed. Moreover, the formations can have grooves dividing them with arc-shaped runout towards the respective outflow opening, so that twisting of the air jets is achieved. <IMAGE>

IPC 1-7  
**F24F 13/072**

IPC 8 full level  
**F24F 13/072** (2006.01)

CPC (source: EP)  
**F24F 13/072** (2013.01)

Citation (search report)  
• [A] DE 2716254 A1 19781019 - KRANTZ H GMBH & CO  
• [A] DE 7510280 U 19750821  
• [A] DE 3731491 C1 19890309 - KIEFER GMBH MASCHF G G  
• [A] US 4291615 A 19810929 - SODEC FRANK

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Designated contracting state (EPC)  
CH ES FR IT LI

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**EP 0418543 A2 19910327; EP 0418543 A3 19910717; EP 0418543 B1 19921028**; DE 3931459 C1 19910221; ES 2035689 T3 19930416

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