

Title (en)  
Linear air-diffuser

Title (de)  
Länglicher Luftverteiler

Title (fr)  
Diffuseur d'air linéaire

Publication  
**EP 1045211 A3 20001220 (EN)**

Application  
**EP 00201300 A 20000411**

Priority  
IT PN990036 A 19990412

Abstract (en)  
[origin: EP1045211A2] Air-diffuser ( D ) of linear type constituted by : a shaped piece ( 1 ) suitable to form the outer casing of the same diffuser ( D ) , an airflow controller ( 2 ) formed by a cylindrical body ( 20 ) which is crossed by a longitudinal slit ( 21 ) and a diaphragmatic element ( 3 ) suitable to removably connect two lengths of the shaped piece ( 1 ) and to support an end of the airflow controller ( 2 ). The sides of the diaphragmatic element ( 3 ) are provided with shaped parts ( 37 - 38 ) which are complementary to a shaped part ( 13 ) of the shaped piece ( 1 ). Inserting groups of diaphragmatic elements ( 3 ) disposed at the ends of respective airflow controllers ( 2 ) in two equal lengths of the shaped piece ( 1 ) which are arranged in specular and mutually opposite positions allows to obtain portions of diffusion. Said portions of diffusion are mutually interconnectable at their ends by inserting the portions of the shaped piece ( 1 ) , which are protruding from the diaphragmatic element ( 3 ) that is disposed at the end of one of said portions of diffusion, in the body of the diaphragmatic element ( 3 ) protruding from the end of another of said portions of diffusion.

IPC 1-7  
**F24F 13/065**; **F24F 13/072**

IPC 8 full level  
**F24F 13/065** (2006.01); **F24F 13/072** (2006.01)

CPC (source: EP)  
**F24F 13/065** (2013.01); **F24F 13/072** (2013.01)

Citation (search report)  
• [XA] EP 0142834 A2 19850529 - FLAEKT AB [SE]  
• [A] US 3988973 A 19761102 - HONMANN WINFRIED

Cited by  
BE1028647B1; WO2022070070A1

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DOCDB simple family (publication)  
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