

Title (en)
Air diffuser

Title (de)
Luftstromverteiler

Title (fr)
Diffuseur d'air

Publication
EP 1024334 A3 20020904 (EN)

Application
EP 99125755 A 19991223

Priority
IT TO990061 A 19990128

Abstract (en)
[origin: EP1024334A2] According to the invention, a diffuser (10) with an airtight tubular body (11) having a flexible wall is positioned in the upper part of an environment, in which a static layering of warm air tends to occur. The said body (11) has at least one air intake (11.1) through which warm air is conveyed by forced conveying means (13) into the said tubular body (11) and fed in the form of a continuous flow to at least one aperture (nozzle 12) of the body for the outlet of pressurized air, oriented towards the lower layers of air in the environment. A continuous flow of primary air (C) passes through the said at least one aperture (12) into the said lower layers of air in the environment concerned, while it generates an ambient air recirculation field in the vicinity of the aperture (12) by an inductive phenomenon. <IMAGE>

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IPC 8 full level
F24F 13/068 (2006.01); **F24F 13/06** (2006.01)

CPC (source: EP)
F24F 13/068 (2013.01); **F24F 2013/0608** (2013.01)

Citation (search report)

- [YA] WO 9214973 A1 19920903 - FLAECT AB [SE]
- [Y] US 5769708 A 19980623 - PASCHKE NICK [US]
- [A] PATENT ABSTRACTS OF JAPAN vol. 009, no. 213 (M - 408) 30 August 1985 (1985-08-30)
- [A] PATENT ABSTRACTS OF JAPAN vol. 015, no. 303 (M - 1142) 2 August 1991 (1991-08-02)

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