

Title (en)
Apparatus for air treatment

Title (de)
Vorrichtung zur Luftbehandlung

Title (fr)
Appareil pour le traitement de l'air

Publication
EP 2244022 A1 20101027 (EN)

Application
EP 10159863 A 20100414

Priority
IT MI20090604 A 20090414

Abstract (en)
The invention relates to an air treatment plant (1) in which a plurality of air treatment units (2) generating an increase in pressure in the air to be diffused are set in fluid communication with a plenum header (3), via a plurality of respective accesses (5). A plurality of diffuser channels (6) lead off from the plenum header (3), for diffusing high-induction treated air into an environment. Alternatively the plurality of air treatment units (2) is set in fluid communication through the various accesses (5) with one or more ring headers (7) which also define the diffuser channels (6). The above structure enables sharing out the air flows of the header, such as to be able to use one having a smaller diameter and to condition the environment with the air volumes required according to actual situations and requirements, substantially without having to make structural modifications to the treatment plant.

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CPC (source: EP)
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Citation (search report)
• [XY] US 3818814 A 19740625 - OBLER H, et al
• [XY] US 2804816 A 19570903 - HOYER JAMES L
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