

Title (en)
A distribution plate.

Title (de)
Luftauslassplatte.

Title (fr)
Plaque de sortie d'air.

Publication
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Application
EP 92850071 A 19920402

Priority
SE 9100975 A 19910403

Abstract (en)
The present invention relates to a distribution plate for low-velocity type supply air terminal devices which include a distribution chamber which functions to receive air flowing from a delivery channel and which includes a wall which extends parallel with the inflowing air and which is provided with a circular hole, wherein said air exits from the distribution chamber in a divergent flow pattern, and which distribution plate has means for mounting the plate in the circular holes and is provided with one or more openings. The inventive distribution plate is characterized in that one side of the plate is provided with air deflecting devices which protrude out from the plane of the plate. The air deflecting devices have an eyelid-like shape and cover and enclose from between about one third to about one half of the area of respective openings. The openings and the air deflecting devices together form a flow path which is adapted to deflect the air passing through the plate openings in an essentially loss free fashion. The openings and associated air deflecting devices are formed so that the air will exit through all openings in the plate in one and the same direction. The invention also relates to the use of the inventive distribution plate in low-velocity type air supply terminal devices so as to achieve both horizontal and oblique flow of the exiting air. <IMAGE>

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IPC 8 full level
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CPC (source: EP)
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Citation (search report)

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