

Title (en)  
AIR OUTLET AND METHOD FOR THE PRODUCTION THEREOF

Title (de)  
LUFTAUSLASS UND VERFAHREN ZU DESSEN HERSTELLUNG

Title (fr)  
SORTIE D'AIR ET PROCÉDÉ POUR SA FABRICATION

Publication  
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Application  
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Abstract (en)  
[origin: CA2678161A1] The invention relates to an air outlet (1, 1'), comprising a connecting piece (2) for the at least indirect connection to an air supply system, a housing (4) delimiting an air distribution chamber (7), and a perforated plate (5) forming an effective air discharge cross-section (10) of the air outlet (1, 1'), wherein a center line (9) of the connecting piece (2) is oriented perpendicular to the perforated plate (5). Starting from a center region of the housing (4), in which the connecting piece (2) empties into the air distribution chamber (7), walls (11) of the housing (4) that face the perforated plate (5) wrap around and extend in the direction of the perforated plate (5), inclined at an acute angle  $\alpha$  in relation to the perforated plate (5). The invention further relates to a suspended ceiling or a wall paneling, and to a method for producing a previously described air outlet (1, 1'). In order to refine the air outlet known from the state of the art regarding the flow behavior of the escaping air, and in order to improve the optical properties and provide a simplified method for producing an air outlet, according to the invention the perforated plate (5) is a panel (6) of a louvered ceiling or a wall paneling.

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See references of WO 2008098747A1

Citation (examination)  
• US 3264972 A 19660809 - AVERILL EUGENE F, et al  
• US 2003233797 A1 20031225 - ANDERSON DEAN A [US]

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