

Title (en)  
HEADLIGHT WITH ANTI-CONDENSATION PROTECTION DEVICE

Title (de)  
SCHEINWERFER MIT BETAUUNGSSCHUTZVORRICHTUNG

Title (fr)  
PHARE DOTÉ D'UN DISPOSITIF DE PROTECTION ANTI-CONDENSATION

Publication  
**EP 4058723 A1 20220921 (DE)**

Application  
**EP 20801311 A 20201111**

Priority

- EP 19209156 A 20191114
- EP 2020081760 W 20201111

Abstract (en)  
[origin: WO2021094370A1] The invention relates to a headlight (1), comprising a headlight housing (10) having a light exit opening (12) closed off by a covering sheet (11), at least one LED light source (21) arranged in at least one light module (20), positioned in the headlight housing (10), for producing a predefined light distribution in front of the headlight (1), and an anti-condensation protection device (30) having at least one air channel (40) for guiding air (41) and having at least one radiation emitter (60), wherein the at least one air channel (40) has an air entry opening (42) and at least one air exit opening (43) and the air exit opening (43) preferably faces the covering sheet (11), and the air (41) guided in the air channel (40) is heatable by the thermal radiation generated by the radiation emitter (60). The at least one radiation emitter (60) is arranged within the air channel (40) in the region of the air entry opening (42), wherein the air channel (40) is produced from a wall material (45) that reflects infrared radiation and is nontransmissive to light, and the air channel (40), between the air entry opening (42) and the air exit opening (43), has at least one curved longitudinal axis section (50) having a radius (51) of curvature and an angle (52) of curvature.

IPC 8 full level  
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