

Title (en)  
LAMP AND CORRESPONDING METHOD

Title (de)  
LAMPE UND ENTSPRECHENDES VERFAHREN

Title (fr)  
LAMPE ET PROCÉDÉ CORRESPONDANT

Publication  
**EP 3828463 A1 20210602 (EN)**

Application  
**EP 20206465 A 20201109**

Priority  
IT 201900022209 A 20191126

Abstract (en)  
A lamp (10), which may be employed for instance as retrofit for automotive H7 lamps, comprises a lamp body (12, 161, 162, 20) extending in a longitudinal direction (X10) between a rear base portion (10a) and a front portion (10b). The lamp body (12, 161, 162, 20) includes a support body (12) whereon, at the front portion (10b) of the lamp body (12, 161, 162, 20), there are arranged solid-state light sources (141, 142), e.g. LED sources. In the rear base portion (10a) of the lamp body (12, 161, 162, 20) there is arranged drive circuitry (21) of the light sources (141, 142), provided with ventilation apertures (100, 101) configured to provide a flow path for ventilation air of the drive circuitry (21) through the rear base portion (10a) of the lamp body (12, 161, 162, 20), between mutually opposed first (S1) and second (S2) sides of the rear portion (10a) of the lamp body (12, 161, 162, 20). The ventilation air flow path extends, transverse to said longitudinal direction (X10), from an air inlet (100) to an air outlet (101). In the rear portion (10a) of the lamp body (12, 161, 162, 20) there is provided an air-moving element (102). Such element (102) is located in the ventilation air flow path from the air inlet (100) to the air outlet (101), and it is activatable to produce a forced ventilation air flow (AF<sub>IN</sub>/sub>, AF<sub>OUT</sub>/sub>) from the first side towards the second side of the rear portion (10a) of the lamp body.

IPC 8 full level  
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