

Title (en)
Lamp

Title (de)
Leuchte

Title (fr)
Lampe

Publication
EP 2312202 B1 20131002 (EN)

Application
EP 10013306 A 20101005

Priority
• TW 98134669 A 20091013
• CN 201020110520 U 20100209

Abstract (en)
[origin: EP2312202A1] A lamp comprises a housing (1, 1', 7), a fan (3, 3'), a heat sink (4, 4') and a lighting module (5). The housing (1, 1', 7) has a first compartment (11, 11', 71) and a first opening (12, 12', 72) on an end thereof. The lamp is characterized in that the lamp further comprises an inner shell (2, 2', 8) adapted to be received in the first compartment (11, 11', 71) and having a second compartment (21, 61, 81) and a second opening (22, 62, 82) on an end thereof, wherein the second opening (22, 62, 82) is aligned with the first opening (12, 12', 72). An air channel (A) is formed between the housing (1, 1', 7) and the inner shell (2, 2', 8) in the first compartment (11, 11', 71). The inner shell (2, 2', 8) further comprises a through-hole (24, 84) allowing the first compartment (11, 11', 71) to communicate with the second compartment (21, 61, 81). The fan (3, 3') is located adjacent to the through-hole (24, 84) and has two air-flowing sides (31, 32) for drawing air in and out of the lamp. The heat sink (4, 4') has a bottom plate (41, 41') with one face facing the fan (3, 3'). The lighting module (5) is adapted to be coupled to another face of the bottom plate (41, 41').

IPC 8 full level
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Cited by
EP2525137A1; CN102654262A; EP2565537A3; EP2570722A1; EP2751473A4; GB2509772A; GB2509772B; EP2527715A3; GB2469551B; US9410686B2; US9523492B2; US9739469B2; WO2014091369A1; WO2014010778A1; US8585250B1; US8915618B2; KR101389096B1; JP2013145650A

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