

Title (en)  
LUMINAIRE FOR INSTALLATION IN A CEILING

Title (de)  
LEUCHTE ZUM EINBAU IN EINE DECKE

Title (fr)  
LAMPE DESTINÉE À ÊTRE MONTÉE DANS UN PLAFOND

Publication  
**EP 3853516 A1 20210728 (DE)**

Application  
**EP 19765684 A 20190905**

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Abstract (en)  
[origin: WO2020057986A1] The invention relates to a luminaire (1) for installation in a ceiling (2), in particular for installation in a suspended ceiling, comprising a housing (5) having an inlet channel for cooling a lighting means (6) accommodated in the housing by means of air flowing in the direction of a main flow direction as a result of free convection in the inlet channel, wherein the inlet channel has a first air inlet opening (7) for admitting the flowing air into the inlet channel, and a first air outlet opening (8, 81) for discharging the air flowing in the inlet channel from the inlet channel; at least one exhaust air duct (9) having a second air inlet opening (11) for admitting the air flowing out of the first air outlet opening (8, 81) into the exhaust air duct (9), and a second air outlet opening (12) for discharging the air flowing in the exhaust air duct (9) out of the exhaust air duct (9), wherein the second air outlet opening (12) is offset in the direction of the main flow direction relative to the first air inlet opening (7).

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