

Title (en)
Vehicle headlight assembly

Title (de)
Fahrzeugscheinwerferbaugruppe

Title (fr)
Ensemble de phare pour véhicule

Publication
EP 2985515 A1 20160217 (EN)

Application
EP 14002738 A 20140805

Priority
EP 14002738 A 20140805

Abstract (en)
A head light assembly includes a body 2 having a base 20 and a connection portion 23 respectively connected to two ends thereof. A circuit board 3 is connected to the base 20 and has at least two Light Emitting Diodes (LEDs) 30, 31. A lens 4 is connected to the base 20 and has a room 40 in which the circuit board 3 is located. The lens 4 has a high beam area 43 and a low beam area 44. The at least two Light Emitting Diodes (LEDs) 30, 31 are respectively located corresponding to the high beam area 43 and the low beam area 44. A radiator 5 is connected to the connection portion 23 and has multiple fins 52.

IPC 8 full level
F21S 8/10 (2006.01); **F21V 5/04** (2006.01); **F21V 19/00** (2006.01); **F21V 29/74** (2015.01); **F21Y 115/10** (2016.01)

CPC (source: EP US)
F21S 41/143 (2017.12 - EP US); **F21S 41/151** (2017.12 - EP US); **F21S 41/192** (2017.12 - EP); **F21S 41/265** (2017.12 - EP); **F21S 41/295** (2017.12 - EP); **F21S 41/663** (2017.12 - EP); **F21S 45/47** (2017.12 - EP US); **F21S 45/48** (2017.12 - EP US); **F21S 45/49** (2017.12 - EP)

Citation (search report)
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