

Title (en)  
VEHICLE HEADLIGHT AND COOLING SYSTEM

Title (de)  
FAHRZEUGSCHEINWERFER UND KÜHLSYSTEM

Title (fr)  
PHARES DE VÉHICULE ET SYSTÈME DE REFROIDISSEMENT

Publication  
**EP 3382268 B1 20210901 (DE)**

Application  
**EP 18161148 A 20180312**

Priority  
AT 502452017 A 20170328

Abstract (en)  
[origin: CN108662548A] The invention relates to a vehicle headlight (100), comprising a headlight housing (101), at least one light source (102), at least one projection optical system (104), at least one cooling channel (107) and a cooling medium. The at least one light source (102) is set up to emit light in the form of a light beam (105) in the direction of the at least one projection optics (104) and to form a lightimage on the road in front of the vehicle. The at least one light source (102) and the at least one projection optics (104) are located within the headlight housing (101). The at least one cooling channel (107) is thermally conductively connected to at least one heat source and the at least one cooling channel (107) is arranged to cool the heat source when the cooling medium flows through it. The at least one cooling passage (107) comprises at least one releasable connection coupling (108, 109) which is inserted into the cooling passage (107).

IPC 8 full level  
**F21S 45/435** (2018.01); **F21S 41/675** (2018.01); **F21S 45/33** (2018.01)

CPC (source: CN EP)  
**F21S 41/32** (2017.12 - CN); **F21S 41/675** (2017.12 - EP); **F21S 45/33** (2017.12 - EP); **F21S 45/42** (2017.12 - CN); **F21S 45/435** (2017.12 - EP); **F21W 2107/10** (2017.12 - CN)

Citation (examination)

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- EP 2644989 A1 20131002 - MASS TECHNOLOGY HK LTD [CN]

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