

Title (en)
VEHICLE HEADLIGHT WITH A DEVICE FOR DETERMINING ROAD CONDITIONS AND A SYSTEM FOR MONITORING ROAD CONDITIONS

Title (de)
FAHRZEUGSCHEINWERFER MIT EINER VORRICHTUNG ZUM BESTIMMEN VON STRASSENVERHÄLTNISSEN UND SYSTEM ZUR
ÜBERWACHUNG VON STRASSENVERHÄLTNISSEN

Title (fr)
PROJECTEUR DE VÉHICULE COMPORTANT UN DISPOSITIF POUR DÉTERMINER DES CONDITIONS DE LA ROUTE ET SYSTÈME POUR
SURVEILLER DES CONDITIONS DE LA ROUTE

Publication
EP 3113979 A1 20170111 (DE)

Application
EP 14707755 A 20140303

Priority
EP 2014054075 W 20140303

Abstract (en)
[origin: WO2015131923A1] Vehicle headlight (3) comprising: a lighting unit, a reflector (5), and a headlight glass (9); a device (11) for determining road conditions, wherein the device is provided in the interior of the vehicle headlight (3) behind the headlight glass (9) and comprises: an infrared transmission unit (13) which is configured for emitting light at predetermined wavelengths through the headlight glass (9) onto a road surface; a detection unit (17) which is configured for detecting the light emitted by the infrared transmission unit (13) and reflected by the road surface through the headlight glass (9); a processing unit which is configured for determining surface parameters of the road surface on the basis of the light detected by the detection unit (17).

IPC 8 full level
B60Q 1/00 (2006.01); **B60W 40/06** (2012.01); **B60W 40/068** (2012.01); **G01B 11/06** (2006.01); **G01N 21/31** (2006.01); **G01N 21/35** (2014.01); **G01N 21/47** (2006.01); **G08B 19/02** (2006.01); **G08G 1/16** (2006.01)

CPC (source: EP KR US)
B60Q 1/0023 (2013.01 - EP KR US); **B60Q 1/04** (2013.01 - US); **B60W 40/06** (2013.01 - KR); **B60W 40/068** (2013.01 - EP KR US); **F21S 41/28** (2024.05 - US); **F21S 41/30** (2017.12 - US); **G01B 11/0633** (2013.01 - US); **G01N 21/3151** (2013.01 - EP KR US); **G01N 21/3554** (2013.01 - EP KR US); **G01N 21/359** (2013.01 - KR); **G01N 21/4738** (2013.01 - EP KR US); **G08G 1/0112** (2013.01 - EP KR US); **G08G 1/0133** (2013.01 - EP KR US); **G08G 1/0141** (2013.01 - EP KR US); **G08G 1/096716** (2013.01 - EP US); **G08G 1/096758** (2013.01 - EP US); **G08G 1/096775** (2013.01 - EP US); **G08G 1/096791** (2013.01 - EP KR US); **B60W 2420/40** (2013.01 - EP US); **B60W 2422/00** (2013.01 - EP US); **G01N 21/359** (2013.01 - EP US); **G01N 2021/3181** (2013.01 - EP US); **G01N 2021/4709** (2013.01 - EP US); **G01N 2201/0216** (2013.01 - EP US); **G01N 2201/0627** (2013.01 - EP US); **G01N 2201/0696** (2013.01 - EP US)

Citation (search report)
See references of WO 2015131923A1

Cited by
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