

Title (en)

IMAGE CAPTURE DEVICE AND ASSOCIATED SYSTEM FOR MONITORING A DRIVER

Title (de)

BILDAUFNAHMEVORRICHTUNG UND DAZUGEHÖRIGES SYSTEM ZUR ÜBERWACHUNG EINES FAHRERS

Title (fr)

DISPOSITIF DE CAPTURE D'IMAGES ET SYSTÈME ASSOCIÉ DE SURVEILLANCE D'UN CONDUCTEUR

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Application

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Abstract (en)

[origin: WO2020126179A1] The invention relates to an image capture device (1) comprising an image sensor (9) making it possible to obtain both an infrared image (31) and an image in the visible range (35) by means of an array of optical filters comprising first filtering elements, having a transmission spectral band in the infrared range, as well as second filtering elements, having a transmission spectral band in the visible range. The image capture device further comprises: - a lighting device (11) configured to emit infrared radiation, and - a computer (13), programmed to control the power of the infrared radiation emitted by the lighting device, as a function of said ambient luminosity in the infrared range. The invention also relates to a monitoring system (2) for monitoring a driver (3), comprising such an image capture device.

IPC 8 full level

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