

Title (en)

METHOD FOR DETECTING AT LEAST ONE ROAD USER

Title (de)

VERFAHREN ZUM ERFASSEN WENIGSTENS EINES VERKEHRSTEILNEHMERS

Title (fr)

PROCÉDÉ POUR DÉTECTER AU MOINS UN USAGER DE LA ROUTE

Publication

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Application

EP 20829905 A 20201216

Priority

- DE 102019134985 A 20191218
- EP 2020086540 W 20201216

Abstract (en)

[origin: WO2021122828A2] The invention relates to a method for detecting at least one road user on a traffic route by means of a radar sensor and an optical detector, wherein, during the method, radar radiation is emitted by at least one radar transmitter of the radar sensor and is reflected by the at least one road user, the reflected radar radiation is detected by means of at least one radar receiver of the radar sensor, the detected radar radiation is evaluated in such a manner that at least a distance and a radial speed of the at least one road user relative to the radar sensor is determined, an optical image of the at least one road user is detected by means of the optical detector, and the optical image is evaluated, wherein at least one parameter of the at least one road user is determined both from the detected radar radiation and from the optical image.

IPC 8 full level

G01S 13/58 (2006.01); **G01S 7/35** (2006.01); **G01S 7/40** (2006.01); **G01S 7/41** (2006.01); **G01S 13/34** (2006.01); **G01S 13/44** (2006.01); **G01S 13/72** (2006.01); **G01S 13/86** (2006.01); **G01S 13/931** (2020.01)

CPC (source: EP KR US)

G01S 7/356 (2021.05 - KR); **G01S 7/358** (2021.05 - KR); **G01S 7/4026** (2013.01 - EP KR); **G01S 7/412** (2013.01 - EP KR US); **G01S 7/415** (2013.01 - EP KR); **G01S 13/4454** (2013.01 - EP KR); **G01S 13/584** (2013.01 - EP KR US); **G01S 13/723** (2013.01 - KR); **G01S 13/867** (2013.01 - EP KR US); **G01S 13/91** (2013.01 - US); **G01S 13/931** (2013.01 - EP KR); **G01S 7/356** (2021.05 - EP); **G01S 7/358** (2021.05 - EP); **G01S 13/343** (2013.01 - EP); **G01S 13/723** (2013.01 - EP)

Citation (search report)

See references of WO 2021122828A2

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