

Title (en)

IMPROVED ELECTRONIC SAFETY SYSTEM FOR DRIVERS OF TWO OR THREE-WHEELED VEHICLES

Title (de)

ELEKTRONISCHES SICHERHEITSSYSTEM FÜR FAHRER VON ZWEI- ODER DREIRADFahrzeUGEN

Title (fr)

SYSTÈME DE SÉCURITÉ ÉLECTRONIQUE AMÉLIORÉ POUR CONDUCTEURS DE VÉHICULES À DEUX OU TROIS ROUES

Publication

EP 4366572 A1 20240515 (EN)

Application

EP 22744844 A 20220623

Priority

- IT 202100017579 A 20210705
- IT 2022000031 W 20220623

Abstract (en)

[origin: WO2023281542A1] An improved electronic system for a passive and active safety of drivers of two or three-wheeled vehicles and, in particular, for motorcyclists, cyclists and/or e- bikers, comprising an electronic display device, which includes a first series of LEDs (2-52) placed behind a helmet (1) and/or a garment (51) worn by a user of a two or three -wheeled vehicle, a first electronic circuit (10), one or more motion sensors (14) and a rechargeable battery (19). The safety system comprises a second electronic circuit (40), placed on the handlebar (20) of the two or three-wheeled vehicle, which cooperates in RF and/or wirelessly with the first electronic circuit (10) and which comprises direction indicators (31A-31B), one or more movement sensors (47) and a rechargeable battery (48) or other power supply derived from the vehicle transmission. The electronic display device is configured to compare the data received from the motion sensors (14-47) of the first and second electronic circuits (10, 40), so as to determine with certainty an accidental event of the vehicle's user.

IPC 8 full level

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CPC (source: EP)

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