

Title (en)  
SEMI-TRAILER SAFETY SYSTEM AND METHOD

Title (de)  
SICHERHEITSSYSTEM UND -VERFAHREN FÜR SATTELANHÄNGER

Title (fr)  
SYSTÈME DE SÉCURITÉ DE SEMI-REMORQUE ET PROCÉDÉ

Publication  
**EP 4252213 A4 20240501 (EN)**

Application  
**EP 21859365 A 20210319**

Priority  
• TR 202019338 A 20201130  
• TR 2021050249 W 20210319

Abstract (en)  
[origin: WO2022115061A1] System which warns/notifies the driver and/or designated persons against stealing and damaging of the load being transported by the semi-trailers by unwanted persons or in the event when unwanted person or persons are present who can enter inside the semi-trailer in a stowaway manner, wherein it comprises; detectors (4) which are mounted inside the semi-trailer and which can detect living creature motility; main control unit (3) which communicates with the detector (4) and which performs warning or notification to the driver and/or responsible persons when the motion is detected; remote control unit (12) which sends the system is active signal (14) to the main control unit (3) in order to enable activation of the detectors (4) by the user when the semi-trailer is not operating/is stationary; modulator (1) which sends the semi-trailer movement signal (8) to the main control unit (3) for activating the detectors in the event when the semi-trailer starts moving.

IPC 8 full level  
**G08B 21/00** (2006.01); **B60N 2/00** (2006.01); **B60R 21/00** (2006.01); **G08B 13/00** (2006.01); **G08B 21/22** (2006.01); **G08B 25/00** (2006.01)

CPC (source: EP)  
**G08B 13/00** (2013.01); **G08B 21/22** (2013.01); **G08B 25/008** (2013.01)

Citation (search report)  
• [X1] US 2019130351 A1 20190502 - ARENA DAVID [US]  
• [X1] IT UA20162216 A1 20171001 - GASSENA S R L UNIPERSONALE  
• [I] GB 2390462 A 20040107 - MARRIOTT PAUL [GB]  
• [I] GB 2480741 A 20111130 - DAWSON DARRYL [GB]  
• See also references of WO 2022115061A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2022115061 A1 20220602**; EP 4252213 A1 20231004; EP 4252213 A4 20240501; TR 202019338 A2 20210322

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**TR 2021050249 W 20210319**; EP 21859365 A 20210319; TR 202019338 A 20201130