

SECTION G — PHYSICS

G08 SIGNALLING

G08G TRAFFIC CONTROL SYSTEMS (guiding railway traffic, ensuring the safety of railway traffic B61L; arrangement of road signs or traffic signals E01F 9/00; radar systems or analogous systems, designed for traffic control G01S 13/91; sonar or lidar systems specially designed for traffic control G01S 15/88, G01S 17/88) [2]

Note(s)

This subclass covers:

- identification of traffic offenders;
- indicating the position of vehicles for traffic control purposes;
- navigation systems for traffic control purposes, i.e. systems in which the navigation is not performed autonomously by or in the vehicles, but where the vehicles are guided by instructions transmitted to them;
- indication of free spaces in parking areas.

1/00 Traffic control systems for road vehicles

- 1/005 • including pedestrian guidance indicator [5]
- 1/01 • Detecting movement of traffic to be counted or controlled (G08G 1/07-G08G 1/14 take precedence; road pricing or congestion charging of vehicles or vehicle users G07B 15/06)
- 1/015 • • with provision for distinguishing between motor cars and cycles
- 1/017 • • identifying vehicles (G08G 1/015, G08G 1/054 take precedence) [5]
- 1/02 • • using treadles built into the road (pads or other sensitive devices responsive to passage of vehicles E01F 11/00)
- 1/04 • • using optical or ultrasonic detectors
- 1/042 • • using inductive or magnetic detectors [5]
- 1/048 • • with provision for compensation of environmental or other condition, e.g. snow, vehicle stopped at detector [5]
- 1/052 • • with provision for determining speed or overspeed [5]
- 1/054 • • • photographing overspeeding vehicles [5]
- 1/056 • • with provision for distinguishing direction of travel [5]
- 1/065 • by counting the vehicles in a section of the road or in a parking area, i.e. comparing incoming count with outgoing count (road pricing or congestion charging of vehicles or vehicle users G07B 15/06)
- 1/07 • Controlling traffic signals
- 1/08 • • according to detected number or speed of vehicles
- 1/081 • • Plural intersections under common control [5]
- 1/082 • • • Controlling the time between beginning of the same phase of a cycle at adjacent intersections [5]
- 1/083 • • • Controlling the allocation of time between phases of a cycle [5]
- 1/085 • • using a free-running cyclic timer
- 1/087 • • Override of traffic control, e.g. by signal transmitted by an emergency vehicle [5]
- 1/09 • Arrangements for giving variable traffic instructions (indicating arrangements for variable information by selection or combination of individual elements G09F 9/00)

- 1/095 • • Traffic lights
- 1/0955 • • • transportable [5]
- 1/096 • • provided with indicators in which a mark progresses showing the time elapsed, e.g. of green phase
- 1/0962 • • having an indicator mounted inside the vehicle, e.g. giving voice messages [5]
- 1/0965 • • • responding to signals from another vehicle, e.g. emergency vehicle [5]
- 1/0967 • • • Systems involving transmission of highway information, e.g. weather, speed limits (transmission of navigation instructions to the vehicle G08G 1/0968) [5]
- 1/0968 • • • Systems involving transmission of navigation instructions to the vehicle [5]
- 1/0969 • • • • having a display in the form of a map [5]
- 1/097 • Supervising of traffic control systems, e.g. by giving an alarm if two crossing streets have green light simultaneously
- 1/123 • indicating the position of vehicles, e.g. scheduled vehicles (transmission of navigation instructions to vehicles G08G 1/0968) [5]
- 1/127 • • to a central station [5]
- 1/13 • • • the indicator being in the form of a map [5]
- 1/133 • • within the vehicle [5]
- 1/137 • • • the indicator being in the form of a map [5]
- 1/14 • indicating individual free spaces in parking areas
- 1/16 • Anti-collision systems (road vehicle drive control systems for predicting or avoiding probable or impending collision otherwise than by control of a particular sub-unit B60W 30/08) [2, 2006.01]

3/00 Traffic control systems for marine craft (marking of navigational route B63B 22/16, B63B 51/00)

- 3/02 • Anti-collision systems

5/00 Traffic control systems for aircraft [2]

- 5/02 • Automatic landing aids, i.e. systems in which flight data of incoming planes are processed to provide landing data (landing aids fitted in or to aircraft B64D 45/04; visual or acoustic landing aids B64F 1/18)
- 5/04 • Anti-collision systems

G08G

- 5/06

- for control when on the ground [2]
- 7/00

Traffic control systems for simultaneous control of two or more different kinds of craft [2]
- 7/02

- Anti-collision systems [2]
- 9/00

Traffic control systems for craft where the kind of craft is irrelevant or unspecified [2]
- 9/02

- Anti-collision systems [2]
- 99/00

Subject matter not provided for in other groups of this subclass [2006.01]