

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.
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| 1/00 | Traffic control systems for road vehicles | 1/095 | • • Traffic lights |
| 1/005 | • including pedestrian guidance indicator [5] | 1/0955 | • • • transportable [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) | 1/096 | • • provided with indicators in which a mark progresses showing the time elapsed, e.g. of green phase |
| 1/015 | • • with provision for distinguishing between motor cars and cycles | 1/0962 | • • having an indicator mounted inside the vehicle, e.g. giving voice messages [5] |
| 1/017 | • • identifying vehicles (G08G 1/015, G08G 1/054 take precedence) [5] | 1/0965 | • • • responding to signals from another vehicle, e.g. emergency vehicle [5] |
| 1/02 | • • using treadles built into the road (pads or other sensitive devices responsive to passage of vehicles E01F 11/00) | 1/0967 | • • • Systems involving transmission of highway information, e.g. weather, speed limits (transmission of navigation instructions to the vehicle G08G 1/0968) [5] |
| 1/04 | • • using optical or ultrasonic detectors | 1/0968 | • • • Systems involving transmission of navigation instructions to the vehicle [5] |
| 1/042 | • • using inductive or magnetic detectors [5] | 1/0969 | • • • • having a display in the form of a map [5] |
| 1/048 | • • with provision for compensation of environmental or other condition, e.g. snow, vehicle stopped at detector [5] | 1/097 | • Supervising of traffic control systems, e.g. by giving an alarm if two crossing streets have green light simultaneously |
| 1/052 | • • with provision for determining speed or overspeed [5] | 1/123 | • indicating the position of vehicles, e.g. scheduled vehicles (transmission of navigation instructions to vehicles G08G 1/0968) [5] |
| 1/054 | • • • photographing overspeeding vehicles [5] | 1/127 | • • to a central station [5] |
| 1/056 | • • with provision for distinguishing direction of travel [5] | 1/13 | • • • the indicator being in the form of a map [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) | 1/133 | • • within the vehicle [5] |
| 1/07 | • Controlling traffic signals | 1/137 | • • • the indicator being in the form of a map [5] |
| 1/08 | • • according to detected number or speed of vehicles | 1/14 | • indicating individual free spaces in parking areas |
| 1/081 | • • Plural intersections under common control [5] | 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] |
| 1/082 | • • • Controlling the time between beginning of the same phase of a cycle at adjacent intersections [5] | 3/00 | Traffic control systems for marine craft (marking of navigational route B63B 22/16, B63B 51/00) |
| 1/083 | • • • Controlling the allocation of time between phases of a cycle [5] | 3/02 | • Anti-collision systems |
| 1/085 | • • using a free-running cyclic timer | 5/00 | Traffic control systems for aircraft [2] |
| 1/087 | • • Override of traffic control, e.g. by signal transmitted by an emergency vehicle [5] | 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) |
| 1/09 | • Arrangements for giving variable traffic instructions (indicating arrangements for variable information by selection or combination of individual elements G09F 9/00) | 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]