

SECTION G — PHYSICS

G08 SIGNALLING

G08G TRAFFIC CONTROL SYSTEMS (guiding railway traffic, ensuring the safety of railway traffic B61L; radar or analogous systems, sonar systems or lidar systems specially adapted for traffic control G01S 13/91, G01S 15/88, G01S 17/88; radar or analogous systems, sonar systems or lidar systems specially adapted for anti-collision purposes G01S 13/93, G01S 15/93, G01S 17/93; control of position, course, altitude or attitude of land, water, air or space vehicles, not being specific to a traffic environment G05D 1/00) [2]

Note(s) [7]

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 (arrangement of road signs or traffic signals E01F 9/00) [1, 2006.01]

- 1/005 • including pedestrian guidance indicator [5, 2006.01]
- 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, 2006.01]
- 1/015 • • with provision for distinguishing between motor cars and cycles [1, 2006.01]
- 1/017 • • identifying vehicles (G08G 1/015, G08G 1/054 take precedence) [5, 2006.01]
- 1/02 • • using treadles built into the road [1, 2006.01]
- 1/04 • • using optical or ultrasonic detectors [1, 2006.01]
- 1/042 • • using inductive or magnetic detectors [5, 2006.01]
- 1/048 • • with provision for compensation of environmental or other condition, e.g. snow, vehicle stopped at detector [5, 2006.01]
- 1/052 • • with provision for determining speed or overspeed [5, 2006.01]
- 1/054 • • • photographing overspeeding vehicles [5, 2006.01]
- 1/056 • • with provision for distinguishing direction of travel [5, 2006.01]
- 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, 2006.01]
- 1/07 • Controlling traffic signals [1, 2006.01]
- 1/08 • • according to detected number or speed of vehicles [1, 2006.01]
- 1/081 • • Plural intersections under common control [5, 2006.01]
- 1/082 • • • Controlling the time between beginning of the same phase of a cycle at adjacent intersections [5, 2006.01]
- 1/083 • • • Controlling the allocation of time between phases of a cycle [5, 2006.01]
- 1/085 • • using a free-running cyclic timer [1, 2006.01]
- 1/087 • • Override of traffic control, e.g. by signal transmitted by an emergency vehicle [5, 2006.01]

1/09 • Arrangements for giving variable traffic instructions [1, 2006.01]

- 1/095 • • Traffic lights [1, 2006.01]
- 1/0955 • • • transportable [5, 2006.01]
- 1/096 • • provided with indicators in which a mark progresses showing the time elapsed, e.g. of green phase [1, 2006.01]
- 1/0962 • • having an indicator mounted inside the vehicle, e.g. giving voice messages [5, 2006.01]
- 1/0965 • • • responding to signals from another vehicle, e.g. emergency vehicle [5, 2006.01]
- 1/0967 • • • Systems involving transmission of highway information, e.g. weather, speed limits (G08G 1/0968 takes precedence) [5, 2006.01]
- 1/0968 • • • Systems involving transmission of navigation instructions to the vehicle [5, 2006.01]
- 1/0969 • • • • having a display in the form of a map [5, 2006.01]
- 1/097 • Supervising of traffic control systems, e.g. by giving an alarm if two crossing streets have green light simultaneously [1, 2006.01]
- 1/123 • indicating the position of vehicles, e.g. scheduled vehicles [5, 2006.01]
- 1/127 • • to a central station [5, 2006.01]
- 1/13 • • • the indicator being in the form of a map [5, 2006.01]
- 1/133 • • within the vehicle [5, 2006.01]
- 1/137 • • • the indicator being in the form of a map [5, 2006.01]
- 1/14 • indicating individual free spaces in parking areas [1, 2006.01]
- 1/16 • Anti-collision systems [2, 2006.01]
- 3/00 Traffic control systems for marine craft** (marking of navigational route B63B 51/00) [1, 2006.01]
- 3/02 • Anti-collision systems [1, 2006.01]
- 5/00 Traffic control systems for aircraft** [1, 2, 2006.01, 2025.01]

- 5/20 • Arrangements for acquiring, generating, sharing or displaying traffic information (arrangements for monitoring traffic G08G 5/72) [2025.01]
- 5/21 • • located onboard the aircraft [2025.01]
- 5/22 • • located on the ground [2025.01]
- 5/23 • • Details of user output interfaces, e.g. information presented [2025.01]
- 5/24 • • Details of user input interfaces, e.g. use of speech recognition or specific text formats [2025.01]
- 5/25 • • Transmission of traffic-related information between aircraft [2025.01]
- 5/26 • • Transmission of traffic-related information between aircraft and ground stations [2025.01]
- 5/265 • • • for managing air traffic control [ATC] clearance [2025.01]
- 5/27 • • for managing network coverage, e.g. ensuring transmission connections for UAVs [2025.01]
- 5/30 • Flight plan management [2025.01]
- 5/32 • • for flight plan preparation [2025.01]
- 5/34 • • for flight plan modification [2025.01]
- 5/36 • • for identification of authorised pilots [2025.01]
- 5/38 • • for identification of landing sites, e.g. of diversion airports [2025.01]
- 5/50 • Navigation or guidance aids [2025.01]

Note(s) [2025.01]

When classifying in this group, each aspect relating to flight phases should be classified in subgroups G08G 5/51-G08G 5/54, whereas each aspect relating to the type of aircraft should be classified in subgroups G08G 5/55-G08G 5/57.

- 5/51 • • for control when on the ground, e.g. taxiing or rolling [2025.01]
- 5/52 • • for take-off [2025.01]
- 5/53 • • for cruising [2025.01]
- 5/54 • • for approach or landing [2025.01]
- 5/55 • • for a single aircraft [2025.01]
- 5/56 • • for two or more aircraft [2025.01]
- 5/57 • • for unmanned aircraft [2025.01]
- 5/58 • • for emergency situations, e.g. hijacking or bird strikes [2025.01]
- 5/59 • • in accordance with predefined flight zones, e.g. to avoid prohibited zones [2025.01]
- 5/70 • Arrangements for monitoring traffic-related situations or conditions [2025.01]
- 5/72 • • for monitoring traffic [2025.01]
- 5/74 • • for monitoring terrain [2025.01]
- 5/76 • • for monitoring atmospheric conditions [2025.01]
- 5/78 • • for monitoring wake turbulence [2025.01]
- 5/80 • Anti-collision systems [2025.01]
- 5/90 • specially adapted for urban air mobility [UAM] [2025.01]
- 7/00 Traffic control systems for simultaneous control of two or more different kinds of craft [2, 2006.01]**
- 7/02 • Anti-collision systems [2, 2006.01]
- 9/00 Traffic control systems for craft where the kind of craft is irrelevant or unspecified [2, 2006.01]**
- 9/02 • Anti-collision systems [2, 2006.01]
- 99/00 Subject matter not provided for in other groups of this subclass [2006.01]**