

CPC COOPERATIVE PATENT CLASSIFICATION

G PHYSICS (NOTES omitted)

INSTRUMENTS

G08 SIGNALLING

G08C TRANSMISSION SYSTEMS FOR MEASURED VALUES, CONTROL OR SIMILAR SIGNALS (fluid pressure transmitting systems [F15B](#); mechanical means for transferring the output of a sensing member into a different variable [G01D 5/00](#); mechanical control system [G05G](#))

13/00	Arrangements for influencing the relationship between signals at input and output, e.g. differentiating, delaying	19/26	• • by varying pulse repetition frequency
13/02	• to yield a signal which is a function of two or more signals, e.g. sum or product	19/28	• • using pulse code
15/00	Arrangements characterised by the use of multiplexing for the transmission of a plurality of signals over a common path	19/30	• in which transmission is by selection of one or more conductors or channels from a plurality of conductors or channels (G08C 19/38 takes precedence)
15/02	• simultaneously, i.e. using frequency division	19/32	• • of one conductor or channel
15/04	• • the signals being modulated on carrier frequencies	19/34	• • of a combination of conductors or channels
15/06	• successively, i.e. using time division	19/36	• using optical means to covert the input signal {characterised by optical transfer means G01D 5/26 ; optical analogue digital converters G02F 7/00 }
15/08	• • the signals being represented by amplitude of current or voltage in transmission link	19/38	• using dynamo-electric devices (operated by pulses G08C 19/20)
15/10	• • the signals being represented by frequencies or phase of current or voltage in transmission link	19/40	• • of which only the rotor or the stator carries a winding to which a signal is applied, e.g. using step motor
15/12	• • the signals being represented by pulse characteristics in transmission link	19/42	• • • having three stator poles
17/00	Arrangements for transmitting signals characterised by the use of a wireless electrical link	19/44	• • • having more than three stator poles
17/02	• using a radio link	19/46	• • of which both rotor and stator carry windings (having squirrel-cage rotor G08C 19/40)
17/04	• using magnetically coupled devices	19/48	• • • being the type with a three-phase stator and a rotor fed by constant-frequency ac, e.g. selsyn, magslip
17/06	• using capacity coupling		
19/00	Electric signal transmission systems (G08C 17/00 takes precedence)	21/00	Systems for transmitting the position of an object with respect to a predetermined reference system, e.g. tele-autographic system
19/02	• in which the signal transmitted is magnitude of current or voltage (G08C 19/36 , G08C 19/38 take precedence)	23/00	Non-electrical signal transmission systems, e.g. optical systems
19/025	• • {using fixed values of magnitude of current or voltage}	23/02	• using infrasonic, sonic or ultrasonic waves
19/04	• • using variable resistance	23/04	• using light waves, e.g. infra-red
19/06	• • using variable inductance	23/06	• through light guides, e.g. optical fibres
19/08	• • • differentially influencing two coils	25/00	Arrangements for preventing or correcting errors; Monitoring arrangements
19/10	• • using variable capacitance	25/02	• by signalling back receiving station to transmitting station
19/12	• in which the signal transmitted is frequency or phase of ac	25/04	• by recording transmitted signals
19/14	• • using combination of fixed frequencies		
19/16	• in which transmission is by pulses	2200/00	Transmission systems for measured values, control or similar signals
19/18	• • using a variable number of pulses in a train	2201/00	Transmission systems of control signals via wireless link
19/20	• • • operating on dynamo-electric devices, e.g. step motor	2201/10	• Power supply of remote control devices
19/22	• • by varying the duration of individual pulses		
19/24	• • using time shift of pulses		

- 2201/11 . . Energy harvesting
- 2201/112 . . . Mechanical energy, e.g. vibration, piezoelectric
- 2201/114 . . . Solar power
- 2201/12 . . Power saving techniques of remote control or controlled devices
- 2201/20 . Binding and programming of remote control devices
- 2201/21 . . Programming remote control devices via third means
- 2201/30 . User interface
- 2201/31 . . Voice input
- 2201/32 . . Remote control based on movements, attitude of remote control device
- 2201/33 . . Remote control using macros, scripts
- 2201/34 . . Context aware guidance
- 2201/40 . Remote control systems using repeaters, converters, gateways
- 2201/41 . . Remote control of gateways
- 2201/42 . . Transmitting or receiving remote control signals via a network
- 2201/50 . Receiving or transmitting feedback, e.g. replies, status updates, acknowledgements, from the controlled devices
- 2201/51 . . Remote controlling of devices based on replies, status thereof
- 2201/60 . Security, fault tolerance
- 2201/61 . . Password, biometric
- 2201/62 . . Rolling code
- 2201/63 . . Redundant transmissions
- 2201/70 . Device selection
- 2201/71 . . Directional beams
- 2201/90 . Additional features
- 2201/91 . . Remote control based on location and proximity
- 2201/92 . . Universal remote control
- 2201/93 . . Remote control using other portable devices, e.g. mobile phone, PDA, laptop
- 2201/94 . . Smart cards