

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](#))

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|--------|---|---------|---|
| 13/00 | Arrangements for influencing the relationship between signals at input and output, e.g. differentiating, delaying | 19/26 | . . by varying pulse repetition frequency |
| | | 19/28 | . . using pulse code |
| 13/02 | . to yield a signal which is a function of two or more signals, e.g. sum or product | 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) |
| 15/00 | Arrangements characterised by the use of multiplexing for the transmission of a plurality of signals over a common path | 19/32 | . . of one conductor or channel |
| 15/02 | . simultaneously, i.e. using frequency division | 19/34 | . . of a combination of conductors or channels |
| 15/04 | . . the signals being modulated on carrier frequencies | 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)} |
| 15/06 | . successively, i.e. using time division | | |
| 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 |
| | | 19/44 | . . . having more than three stator poles |
| 17/00 | Arrangements for transmitting signals characterised by the use of a wireless electrical link | 19/46 | . . of which both rotor and stator carry windings (having squirrel-cage rotor G08C 19/40) |
| 17/02 | . using a radio link | 19/48 | . . . being the type with a three-phase stator and a rotor fed by constant-frequency ac, e.g. selsyn, magslip |
| 17/04 | . using magnetically coupled devices | | |
| 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 | | |
| 19/10 | . . using variable capacitance | 25/00 | Arrangements for preventing or correcting errors; Monitoring arrangements |
| 19/12 | . in which the signal transmitted is frequency or phase of ac | 25/02 | . by signalling back receiving station to transmitting station |
| 19/14 | . . using combination of fixed frequencies | 25/04 | . by recording transmitted signals |
| 19/16 | . in which transmission is by pulses | | |
| 19/18 | . . using a variable number of pulses in a train | 2200/00 | Transmission systems for measured values, control or similar signals |
| 19/20 | . . . operating on dynamo-electric devices, e.g. step motor | 2201/00 | Transmission systems of control signals via wireless link |
| 19/22 | . . by varying the duration of individual pulses | 2201/10 | . Power supply of remote control devices |
| 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