

CPC**COOPERATIVE PATENT CLASSIFICATION****G08C****TRANSMISSION SYSTEMS FOR MEASURED VALUES, CONTROL OR SIMILAR SIGNALS** (fluid pressure transmission systems

[F15B](#); sensing members for specific physical variables, see the relevant subclasses, e.g. of [G01](#) or [H01](#); indicators or recorders, see the relevant subclasses, e.g. [G01D](#), [G09F](#); mechanical means for transferring the output of a sensing member [G01D 5/00](#); means for converting the output of the sensing member into a different variable [G01D 5/00](#); self-balancing bridges [G01R](#); position control in general [G05D 3/00](#); mechanical control systems [G05G](#); systems for transmitting "on/off" signals only, systems for transmitting alarm conditions [G08B](#); order telegraph systems [G08B 9/00](#); generating electric pulses [H03K](#); coding, decoding or code conversion [H03M](#); transmission of digital information [H04L](#); selective calling from one station to another [H04Q 9/00](#))

G08C 13/00

Arrangements for influencing the relationship between signals at input and output, e.g. differentiating, delaying, (transferring the output of a sensing member to an indicating or recording part not yielding momentary value [G01D 1/00](#); systems for control of position involving comparison between actual and desired values [G05D 3/00](#); computing [G06](#))

G08C 13/02

- . to yield a signal which is a function of two or more signals, e.g. sum, product

G08C 15/00

Arrangements characterised by the use of multiplexing for the transmission of a plurality of signals over a common path ([multiplex transmission in general H04J](#))

G08C 15/02

- . simultaneously, i.e. using frequency division

G08C 15/04

- . . the signals being modulated on carrier frequencies

G08C 15/06

- . successively, i.e. using time division

G08C 15/08

- . . the signals being represented by amplitude of current or voltage in transmission link

G08C 15/10

- . . the signals being represented by frequencies or phase of current or voltage in transmission link

G08C 15/12

- . . the signals being represented by pulse characteristics in transmission link

G08C 17/00

Arrangements for transmitting signals characterised by the use of a wireless electrical link

G08C 17/02

- . using a radio link

G08C 17/04

- . using magnetically coupled devices

G08C 17/06

- . using capacity coupling

G08C 19/00

Electric signal transmission systems ([G08C 17/00](#) takes precedence)

G08C 19/02

- . in which the signal transmitted is magnitude of current or voltage ([G08C 19/36](#), [G08C 19/38](#) take precedence)

G08C 19/025

- . . {using fixed values of magnitude of current or voltage}

G08C 19/04

- . . using variable resistance

G08C 19/06

- . . using variable inductance

- G08C 19/08 . . . differentially influencing two coils
- G08C 19/10 . . using variable capacitance
- G08C 19/12 . in which the signal transmitted is frequency or phase of ac
- G08C 19/14 . . using combination of fixed frequencies
- G08C 19/16 . in which transmission is by pulses
- G08C 19/18 . . using a variable number of pulses in a train
- G08C 19/20 . . . operating on dynamo-electric devices, e.g. step motor
- G08C 19/22 . . by varying the duration of individual pulses
- G08C 19/24 . . using time shift of pulses
- G08C 19/26 . . by varying pulse repetition frequency
- G08C 19/28 . . using pulse code
- G08C 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](#))
- G08C 19/32 . . of one conductor or channel
- G08C 19/34 . . of a combination of conductors or channels
- G08C 19/36 . using optical means to convert the input signal ([analogue/digital converters per se H03M 1/00](#)); {[optical analogue digital converters G02F 7/00](#); contains no documents, see [G01D 5/26](#)}
- G08C 19/38 . using dynamo-electric devices ([operated by pulses G08C 19/20](#); [dynamo-electric machines per se H02K](#))
- G08C 19/40 . . of which only the rotor or the stator carries a winding to which a signal is applied, e.g. using step motor
- G08C 19/42 . . . having three stator poles
- G08C 19/44 . . . having more than three stator poles
- G08C 19/46 . . of which both rotor and stator carry windings ([having squirrel-cage rotor G08C 19/40](#))
- G08C 19/48 . . . being the type with a three-phase stator and a rotor fed by constant-frequency ac, e.g. selsyn, mag slip

- G08C 21/00** **Systems for transmitting the position of an object with respect to a predetermined reference system, e.g. tele-autographic system** ([converting the pattern of mechanical parameters, e.g. force or presence, into electrical signals G06K 11/00](#))

- G08C 23/00** **Non-electrical signal transmission systems, e.g. optical systems**
- G08C 23/02 . using infrasonic, sonic or ultrasonic waves
- G08C 23/04 . using light waves, e.g. infra-red
- G08C 23/06 . through light guides, e.g. optical fibres

- G08C 25/00** **Arrangements for preventing or correcting errors; Monitoring arrangements**
- G08C 25/02 . by signalling back receiving station to transmitting station
- G08C 25/04 . by recording transmitted signals

- G08C 2200/00** **Transmission systems for measured values, control or similar signals**

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| G08C 2201/00 | Transmission systems of control signals via wireless link |
| G08C 2201/10 | . Power supply of remote control devices |
| G08C 2201/11 | .. Energy harvesting |
| G08C 2201/112 | ... Mechanical energy, e.g. vibration, piezoelectric |
| G08C 2201/114 | ... Solar power |
| G08C 2201/12 | .. Power saving techniques of remote control or controlled devices |
| G08C 2201/20 | . Binding and programming of remote control devices |
| G08C 2201/21 | .. Programming remote control devices via third means |
| G08C 2201/30 | . User interface |
| G08C 2201/31 | .. Voice input |
| G08C 2201/32 | .. Remote control based on movements, attitude of remote control device |
| G08C 2201/33 | .. Remote control using macros, scripts |
| G08C 2201/34 | .. Context aware guidance |
| G08C 2201/40 | . Remote control systems using repeaters, converters, gateways |
| G08C 2201/41 | .. Remote control of gateways |
| G08C 2201/42 | .. Transmitting or receiving remote control signals via a network. |
| G08C 2201/50 | . Receiving or transmitting feedback, e.g. replies, status updates, acknowledgements, from the controlled devices |
| G08C 2201/51 | .. Remote controlling of devices based on replies, status thereof |
| G08C 2201/60 | . Security, fault tolerance |
| G08C 2201/61 | .. Password, biometric |
| G08C 2201/62 | .. Rolling code |
| G08C 2201/63 | .. Redundant transmissions |
| G08C 2201/70 | . Device selection |
| G08C 2201/71 | .. Directional beams |
| G08C 2201/90 | . Additional features |
| G08C 2201/91 | .. Remote control based on location and proximity |
| G08C 2201/92 | .. Universal remote control |
| G08C 2201/93 | .. Remote control using other portable devices, e.g. mobile phone, PDA, laptop |
| G08C 2201/94 | .. Smart cards |