

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](#))

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)	19/18	. . using a variable number of pulses in a train
		19/20	. . . operating on dynamo-electric devices, e.g. step motor
		19/22	. . by varying the duration of individual pulses
		19/24	. . using time shift of pulses
		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, 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 (multiplex transmission in general H04J)	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 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 })
15/06	. successively, i.e. using time division	19/38	. using dynamo-electric devices (operated by pulses G08C 19/20 ; dynamo-electric machines per se H02K)
15/08	. . the signals being represented by amplitude 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
15/10	. . the signals being represented by frequencies or phase of current or voltage in transmission link	19/42	. . . having three stator poles
15/12	. . the signals being represented by pulse characteristics in transmission link	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, mag slip
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 (converting the pattern of mechanical parameters, e.g. force or presence, into electrical signals G06K 11/00)
19/02	. in which the signal transmitted is magnitude of current or voltage (G08C 19/36 , G08C 19/38 take precedence)		
19/025	. . {using fixed values of magnitude of current or voltage}	23/00	Non-electrical signal transmission systems, e.g. optical systems
19/04	. . using variable resistance	23/02	. using infrasonic, sonic or ultrasonic waves
19/06	. . using variable inductance	23/04	. using light waves, e.g. infra-red
19/08	. . . differentially influencing two coils	23/06	. through light guides, e.g. optical fibres
19/10	. . using variable capacitance		
19/12	. in which the signal transmitted is frequency or phase of ac	25/00	Arrangements for preventing or correcting errors; Monitoring arrangements
19/14	. . using combination of fixed frequencies	25/02	. by signalling back receiving station to transmitting station
19/16	. in which transmission is by pulses		

- 25/04 . by recording transmitted signals

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

2201/00 Transmission systems of control signals via wireless link

- 2201/10 . Power supply of remote control devices
- 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