

Symbol	Typ	Titel
H	Sektion	ELECTRICITY
H05	Klasse	ELECTRIC TECHNIQUES NOT OTHERWISE PROVIDED FOR
H05G	Unterklasse	X-RAY TECHNIQUE (apparatus for radiation diagnosis A61B 6/00; X-ray therapy A61N; testing by X-rays G01N; apparatus for X-ray photography G03B; filters, conversion screens, microscopes G21K; X-ray tubes H01J 35/00; TV systems having X-ray input H04N 5/321)
H05G 1/00	Hauptgruppe	X-ray apparatus involving X-ray tubes; Circuits therefor
H05G 1/02	1-Punkt Untergruppe	. Constructional details
H05G 1/04	2-Punkt Untergruppe	. . Mounting the X-ray tube within a closed housing
H05G 1/06	3-Punkt Untergruppe	. . . X-ray tube and at least part of the power supply apparatus being mounted within the same housing
H05G 1/08	1-Punkt Untergruppe	. Electrical details
H05G 1/10	2-Punkt Untergruppe	. . Power supply arrangements for feeding the X-ray tube
H05G 1/12	3-Punkt Untergruppe	. . . with dc or rectified single-phase ac
H05G 1/14	3-Punkt Untergruppe	. . . with single-phase low-frequency ac
H05G 1/16	4-Punkt Untergruppe	 Reducing the peak-inverse voltage
H05G 1/18	3-Punkt Untergruppe	. . . with polyphase ac of low frequency
H05G 1/20	3-Punkt Untergruppe	. . . with high-frequency ac; with pulse trains
H05G 1/22	3-Punkt Untergruppe	. . . with single pulses
H05G 1/24	4-Punkt Untergruppe	 Obtaining pulses by using energy storage devices (pulse generators H03K)
H05G 1/26	2-Punkt Untergruppe	. . Measuring, controlling, protecting (measuring electric values G01R; measuring X-ray intensity G01T)
H05G 1/28	3-Punkt Untergruppe	. . . Measuring or recording actual exposure time; Counting number of exposures; Measuring required exposure time
H05G 1/30	3-Punkt Untergruppe	. . . Controlling
H05G 1/32	4-Punkt Untergruppe	 Supply voltage of the X-ray apparatus or tube (regulating supply without reference to operating characteristics of the apparatus G05F)
H05G 1/34	4-Punkt Untergruppe	 Anode current, heater current, heater voltage of X-ray tube (regulating supply without reference to operating characteristics of the apparatus G05F)
H05G 1/36	4-Punkt Untergruppe	 Temperature of anode; Brightness of image
H05G 1/38	4-Punkt Untergruppe	 Exposure time
H05G 1/40	5-Punkt Untergruppe	 using adjustable time switch
H05G 1/42	5-Punkt Untergruppe	 using arrangements for switching when a predetermined dose of radiation has been applied, e.g. in which the switching instant is determined by measuring the electrical energy supplied to the tube
H05G 1/44	6-Punkt Untergruppe	 in which the switching instant is determined by measuring the amount of radiation directly
H05G 1/46	4-Punkt Untergruppe	 Combined control of different quantities, e.g. exposure time as well as voltage or current
H05G 1/48	4-Punkt Untergruppe	 Compensating the voltage drop occurring at the instant of switching-on of the apparatus (regulating supply without reference to operating characteristics of the apparatus G05F)

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H05G 1/50	4-Punkt Untergruppe	 Passing the tube current only during a restricted portion of the voltage waveform
H05G 1/52	4-Punkt Untergruppe	 Target size or shape; Direction of electron beam, e.g. in tubes with one anode and more than one cathode
H05G 1/54	3-Punkt Untergruppe	 Protecting (overload protection combined with control H05G 1/46)
H05G 1/56	2-Punkt Untergruppe	. . Switching-on; Switching-off
H05G 1/58	2-Punkt Untergruppe	. . Switching arrangements for changing-over from one mode of operation to another, e.g. from radioscopy to radiography, from radioscopy to irradiation
H05G 1/60	2-Punkt Untergruppe	. . Circuit arrangements for obtaining a series of X-ray photographs or for X-ray cinematography
H05G 1/61	3-Punkt Untergruppe	. . . for obtaining stereoscopic photographs [5]
H05G 1/62	2-Punkt Untergruppe	. . Circuit arrangements for obtaining X-ray photography at predetermined instants in the movement of an object, e.g. X-ray stroboscopy
H05G 1/64	2-Punkt Untergruppe	. . Circuit arrangements for X-ray apparatus incorporating electronic image converters, e.g. image intensifiers [5]
H05G 1/66	2-Punkt Untergruppe	. . Circuit arrangements for X-ray tubes with target movable relatively to the anode
H05G 1/68	2-Punkt Untergruppe	. . Circuit arrangements for Lilienfeld tubes; Circuit arrangements for gas-filled X-ray tubes
H05G 1/70	2-Punkt Untergruppe	. . Circuit arrangements for X-ray tubes with more than one anode; Circuit arrangements for apparatus comprising more than one X-ray tube
H05G 2/00	Hauptgruppe	Apparatus or processes specially adapted for producing X-rays, not involving X-ray tubes, e.g. involving generation of a plasma (X-ray lasers H01S 4/00; plasma technique in general H05H) [5]