

Symbol	Typ	Titel
G	Sektion	SECTION G — PHYSICS
G21	Untersektion	NUCLEONICS
G21	Klasse	NUCLEAR PHYSICS; NUCLEAR ENGINEERING
G21D	Unterklasse	NUCLEAR POWER PLANT (electric or magnetic analogue computers, e.g. simulators, for nuclear physics G06G 7/54)
G21D 1/00	Hauptgruppe	Details of nuclear power plant (control G21D 3/00)
G21D 1/02	1-Punkt Untergruppe	. Arrangements of auxiliary equipment
G21D 1/04	1-Punkt Untergruppe	. Pumping arrangements (by means within the reactor pressure vessel G21C 15/24; electrodynamic pumps H02K 44/02)
G21D 3/00	Hauptgruppe	Control of nuclear power plant (control of nuclear reaction in general G21C 7/00)
G21D 3/02	1-Punkt Untergruppe	. Manual control
G21D 3/04	1-Punkt Untergruppe	. Safety arrangements (emergency protection of reactor G21C 9/00)
G21D 3/06	2-Punkt Untergruppe	. . responsive to faults within the plant (in the reactor G21C 9/00)
G21D 3/08	1-Punkt Untergruppe	. Regulation of any parameters in the plant
G21D 3/10	2-Punkt Untergruppe	. . by a combination of a variable derived from neutron flux with other controlling variables, e.g. derived from temperature, cooling flow, pressure
G21D 3/12	2-Punkt Untergruppe	. . by adjustment of the reactor in response only to changes in engine demand
G21D 3/14	3-Punkt Untergruppe	. . . Varying flow of coolant
G21D 3/16	3-Punkt Untergruppe	. . . Varying reactivity
G21D 3/18	2-Punkt Untergruppe	. . by adjustment of plant external to the reactor only in response to change in reactivity
G21D 5/00	Hauptgruppe	Arrangements of reactor and engine in which reactor-produced heat is converted into mechanical energy
G21D 5/02	1-Punkt Untergruppe	. Reactor and engine structurally combined, e.g. portable
G21D 5/04	1-Punkt Untergruppe	. Reactor and engine not structurally combined
G21D 5/06	2-Punkt Untergruppe	. . with engine working medium circulating through reactor core
G21D 5/08	2-Punkt Untergruppe	. . with engine working medium heated in a heat exchanger by the reactor coolant
G21D 5/10	3-Punkt Untergruppe	. . . Liquid working medium partially heated by reactor and vaporised by heat source external to the core, e.g. with oil heating
G21D 5/12	3-Punkt Untergruppe	. . . Liquid working medium vaporised by reactor coolant
G21D 5/14	4-Punkt Untergruppe and also superheated by reactor coolant
G21D 5/16	4-Punkt Untergruppe superheated by separate heat source
G21D 7/00	Hauptgruppe	Arrangements for direct production of electric energy from fusion or fission reactions (obtaining electric energy from radioactive sources G21H 1/00)
G21D 7/02	1-Punkt Untergruppe	. using magneto-hydrodynamic generators
G21D 7/04	1-Punkt Untergruppe	. using thermoelectric elements (structural combination of fuel element with thermoelectric element G21C 3/40; thermoelectric elements <u>per se</u> H01L 35/00, H01L 37/00)
G21D 9/00	Hauptgruppe	Arrangements to provide heat for purposes other than conversion into power, e.g. for heating

Symbol

Typ

Titel

buildings