

# CPC COOPERATIVE PATENT CLASSIFICATION

## G PHYSICS (NOTES omitted)

### NUCLEONICS

#### G21 NUCLEAR PHYSICS; NUCLEAR ENGINEERING

#### G21B FUSION REACTORS ([uncontrolled reactors](#) [G21J](#))

##### 1/00 Thermonuclear fusion reactors

- 1/01 . Hybrid fission-fusion nuclear reactors
- 1/03 . with inertial plasma confinement
- 1/05 . with magnetic or electric plasma confinement
- 1/052 . . {reversed field configuration}
- 1/055 . . {Stellarators}
- 1/057 . . {Tokamaks}
- 1/11 . Details
- 1/115 . . {Tritium recovery}
- 1/13 . . First wall; Blanket; Divertor
- 1/15 . . Particle injectors for producing thermonuclear fusion reactions, e.g. pellet injectors
- 1/17 . . Vacuum chambers; Vacuum systems
- 1/19 . . Targets for producing thermonuclear fusion reactions, e.g. pellets for irradiation by laser or charged particle beams
- 1/21 . . Electric power supply systems, e.g. for magnet systems, switching devices, storage devices, circuit arrangements {(methods or means for discharging superconducting storage windings [H01F 6/003](#))}
- 1/23 . . Optical systems, e.g. for irradiating targets, for heating plasma or for plasma diagnostics
- 1/25 . Maintenance, e.g. repair or remote inspection

##### 3/00 Low temperature nuclear fusion reactors, e.g. alleged cold fusion reactors

- 3/002 . {Fusion by absorption in a matrix}
- 3/004 . {Catalyzed fusion, e.g. muon-catalyzed fusion}
- 3/006 . {Fusion by impact, e.g. cluster/beam interaction, ion beam collisions, impact on a target}
- 3/008 . {Fusion by pressure waves}