

SECTION G — PHYSICS

G21 NUCLEAR PHYSICS; NUCLEAR ENGINEERING

G21F PROTECTION AGAINST X-RADIATION, GAMMA RADIATION, CORPUSCULAR RADIATION OR PARTICLE BOMBARDMENT; TREATING RADIOACTIVELY CONTAMINATED MATERIAL; DECONTAMINATION ARRANGEMENTS THEREFOR (radiation protection by pharmaceutical means A61K 8/00, A61Q 17/04; in cosmonautic vehicles B64G 1/54; combined with a reactor G21C 11/00; combined with X-ray tubes H01J 35/16; combined with X-ray apparatus H05G 1/02)

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| <p>1/00 Shielding characterised by the composition of the material [1, 2006.01]</p> <p>1/02 • Selection of uniform shielding materials [1, 2006.01]</p> <p>1/04 • • Concretes; Other hydraulic hardening materials [1, 2006.01]</p> <p>1/06 • • Ceramics; Glasses; Refractories (cermets G21F 1/08) [1, 2006.01]</p> <p>1/08 • • Metals; Alloys; Cermets, i.e. sintered mixtures of ceramics and metals [1, 2006.01]</p> <p>1/10 • • Organic substances; Dispersions in organic carriers [1, 2006.01]</p> <p>1/12 • Laminated shielding materials [1, 2006.01]</p> <p>3/00 Shielding characterised by its physical form, e.g. granules, or shape of the material [1, 2006.01]</p> <p>3/02 • Clothing [1, 2006.01]</p> <p>3/025 • • Clothing completely surrounding the wearer [5, 2006.01]</p> <p>3/03 • • Aprons [5, 2006.01]</p> <p>3/035 • • Gloves (mounting means on glove boxes G21F 7/053) [5, 2006.01]</p> <p>3/04 • Bricks; Shields made up therefrom [1, 2006.01]</p> <p>5/00 Transportable or portable shielded containers [1, 2006.01]</p> <p>5/002 • Containers for fluid radioactive wastes [5, 2006.01]</p> <p>5/005 • Containers for solid radioactive wastes, e.g. for ultimate disposal [5, 2006.01]</p> <p>5/008 • • Containers for fuel elements [5, 2006.01]</p> <p>5/012 • • • Fuel element racks in the containers [5, 2006.01]</p> <p>5/015 • for storing radioactive sources, e.g. source carriers for irradiation units; Radioisotope containers [5, 2006.01]</p> <p>5/018 • • Syringe shields or holders (syringe shielding for applying radioactive material to the body A61M 36/08) [5, 2006.01]</p> <p>5/02 • with provision for restricted exposure of a radiation source within the container [1, 2006.01]</p> <p>5/04 • • Means for controlling exposure, e.g. time, size of aperture (controlling exposure to X-radiation H05G 1/30) [1, 2006.01]</p> <p>5/06 • Details of, or accessories to, the containers [5, 2006.01]</p> <p>5/08 • • Shock-absorbers, e.g. impact buffers for containers [5, 2006.01]</p> <p>5/10 • • Heat-removal systems, e.g. using circulating fluid or cooling fins [5, 2006.01]</p> | <p>5/12 • • Closures for containers; Sealing arrangements [5, 2006.01]</p> <p>5/14 • • Devices for handling containers or shipping-casks, e.g. transporting devices [5, 2006.01]</p> <p>7/00 Shielded cells or rooms [1, 2006.01]</p> <p>7/005 • Shielded passages through walls; Locks; Transferring devices between rooms (between glove-boxes G21F 7/047) [5, 2006.01]</p> <p>7/01 • • Transferring by fluidic means [5, 2006.01]</p> <p>7/015 • Room atmosphere, temperature or pressure control devices [5, 2006.01]</p> <p>7/02 • Observation devices permitting vision but shielding the observer [1, 2006.01]</p> <p>7/03 • • Windows, e.g. shielded [5, 2006.01]</p> <p>7/04 • Shielded glove-boxes [1, 2006.01]</p> <p>7/047 • • Shielded passages; Closing or transferring means between glove-boxes [5, 2006.01]</p> <p>7/053 • • Glove mounting means [5, 2006.01]</p> <p>7/06 • Structural combination with remotely-controlled apparatus, e.g. with manipulators [1, 2006.01]</p> <p>9/00 Treating radioactively contaminated material; Decontamination arrangements therefor [1, 2, 5, 2006.01]</p> <p>9/02 • Treating gases [1, 2, 2006.01]</p> <p>9/04 • Treating liquids [1, 2, 2006.01]</p> <p>9/06 • • Processing [1, 2006.01]</p> <p>9/08 • • • by evaporation; by distillation [1, 2006.01]</p> <p>9/10 • • • by flocculation [1, 2006.01]</p> <p>9/12 • • • by absorption; by adsorption; by ion-exchange [1, 2006.01]</p> <p>9/14 • • • by incineration; by calcination, e.g. desiccation [1, 2006.01]</p> <p>9/16 • • • by fixation in stable solid media [1, 2006.01]</p> <p>9/18 • • • by biological processes [1, 2006.01]</p> <p>9/20 • • Disposal of liquid waste [1, 2006.01]</p> <p>9/22 • • • by storage in a tank or other container [1, 2006.01]</p> <p>9/24 • • • by storage in the ground; by storage under water, e.g. in ocean [1, 2006.01]</p> <p>9/26 • • • by dilution in water, e.g. in ocean, in stream [1, 2006.01]</p> <p>9/28 • Treating solids [1, 2, 2006.01]</p> <p>9/30 • • Processing [1, 2006.01]</p> <p>9/32 • • • by incineration [1, 2006.01]</p> <p>9/34 • • Disposal of solid waste [1, 2006.01]</p> <p>9/36 • • • by packaging; by baling [1, 2006.01]</p> |
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