

CPC COOPERATIVE PATENT CLASSIFICATION

G21G CONVERSION OF CHEMICAL ELEMENTS; RADIOACTIVE SOURCES (applications of radiation in general G21H 5/00; handling particles, e.g. neutrons, or electromagnetic radiation not otherwise provided for G21K)

- 1/00 Arrangements for converting chemical elements by electromagnetic radiation, corpuscular radiation or particle bombardment, e.g. producing radioactive isotopes** (separation of different isotopes of the same element B01D 59/00)
 - 1/0005 . {Isotope delivery systems (use of radioisotopes as tracers G21H 5/02)}
 - 1/001 . {Recovery of specific isotopes from irradiated targets}
 - 2001/0015 . . {Fluorine}
 - 2001/0021 . . {Gallium}
 - 2001/0026 . . {Arsenic}
 - 2001/0031 . . {Rubidium}
 - 2001/0036 . . {Molybdenum}
 - 2001/0042 . . {Technetium}
 - 2001/0047 . . {Rhodium}
 - 2001/0052 . . {Palladium}
 - 2001/0057 . . {Indium}
 - 2001/0063 . . {Iodine}
 - 2001/0068 . . {Cesium}
 - 2001/0073 . . {Rhenium}
 - 2001/0078 . . {Thallium}
 - 2001/0084 . . {Bismuth}
 - 2001/0089 . . {Actinium}
 - 2001/0094 . . {Other isotopes not provided for in the groups listed above}
- 1/02 . in nuclear reactors (by thermonuclear reactions G21B; conversion of nuclear fuel G21C)
- 1/04 . outside nuclear reactors or particle accelerators
- 1/06 . . by neutron irradiation
- 1/08 . . . accompanied by nuclear fission
- 1/10 . . by bombardment with electrically charged particles (irradiation devices G21K 5/00)
- 1/12 . . by electromagnetic irradiation, e.g. with gamma or X-rays (applications of radiation G21H 5/00; irradiation devices G21K 5/00)
- 4/00 Radioactive sources** (producing neutrons or other subatomic particles, X- or gamma rays, in fusion reactors G21B, in nuclear reactors G21C, by cosmic radiation G21H 7/00, in accelerators H05H; X-ray tubes H01J 35/00; gamma masers H01S 4/00)
 - 4/02 . Neutron sources
 - 4/04 . Radioactive sources other than neutron sources (radioactive dressings A61N 5/1029)
 - 4/06 . . characterised by constructional features
 - 4/08 . . . specially adapted for medical application (radiation therapy using radioactive sources A61N 5/10)
 - 4/10 . . with radium emanation
- 5/00 Alleged conversion of chemical elements by chemical reaction**
- 7/00 Conversion of chemical elements not provided for in other groups of this subclass**