

Obtained Patents

*International patents have been also applied for in the U.S. and Europe.

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Patent 6991629

“Neutron irradiation device and mutagenesis method using the device, and method for producing mutagenized irradiated bodies housed in a sealed container”.

A novel neutron irradiation device in which the irradiated objects (seeds etc.) are housed in a 3D stacked, sealed container. The neutron irradiation device is characterized by “fast neutrons whose energy values are greater than 0.1 to 1 MeV and whose irradiation dose is 110 Gy or less”. This is an inventive method for producing mutagenic irradiated material. This patent also covers manufactured species.

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Patent 7036479

“Neutron irradiation device”

The patent covers a neutron irradiation device that enables irradiation of a large (especially small) amount of irradiated objects with neutron beams while reducing the time required for irradiation.

