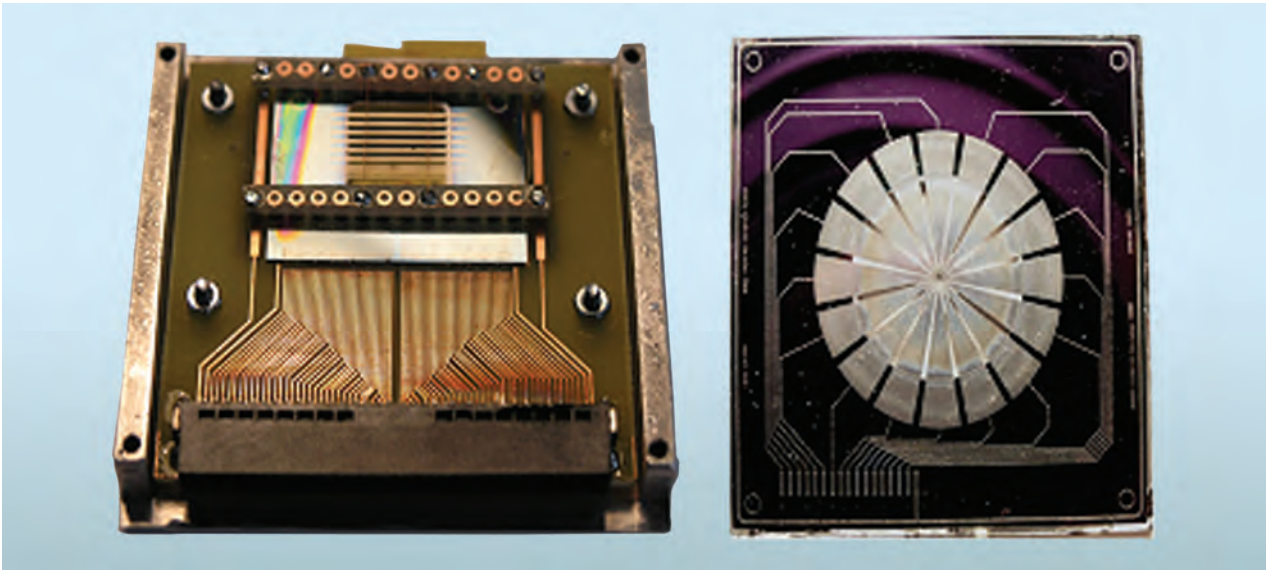


METALLIC MICROSTRIP RADIATION DETECTORS

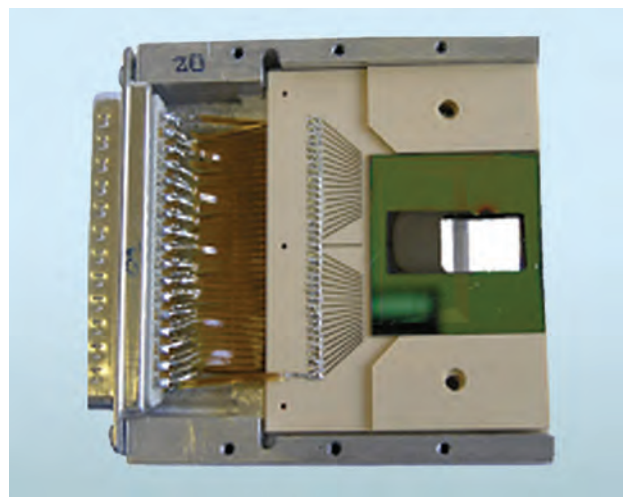


Areas of Application

It can be used in medicine (radiation therapy), research equipment based on accelerators and synchrotrons, mass spectrometry, X-ray diffraction, and so on

Specification

Radiation resistance is 100 GGy; spatial resolution is several microns; transparency: thickness is about 1 micron. A series of metallic microstrip detectors has been designed: 16-sector detectors, detectors with variable pitch (32 strips, 8 groups), detectors with 128, 256, and 1024 strips of different thickness and pitch, and other types



Stage of Development.
Suggestions for Commercialization

IRL6, TRL6
Manufactured and supplied, upon request

Advantages

There are no analogs. The detectors are transparent to radiation

IPR Protection

IPR1

Contact Information

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