

Patent title:	Radiation detector and radiation detection device
FBK center:	CMM
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Application(s):	Radiation detection
Keyword(s):	Radiation detection apparatus
Abstract:	Provided are: a radiation detector which has improved detection efficiency of radiation by being increased in the portion where radiation is able to be detected; and a radiation detection device. A radiation detector (1) according to the present invention comprises a plate-like semiconductor part (12), while being provided with a through hole (11) that penetrates through the semiconductor part (12); and one surface of the semiconductor part (12) serves as an incident surface (121) for radiation. The semiconductor part (12) has a sensitive portion (18) which is capable of detecting incident radiation; and the sensitive portion (18) includes an inner edge (122) of the incident surface (121).