

TWO-DIMENSIONAL IMAGE PICKUP APPARATUS

ABSTRACT OF THE DISCLOSURE



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An image pickup apparatus for X-ray photography is structurally adapted to absorb external impacts and possible resultant deformations such as deflections of the cabinet (8) so that the interior is protected against damage and remains intact if the cabinet (8) is deformed by the external load (201). The two-dimensional image pickup apparatus comprises a substrate (2b), two-dimensional photoelectric converters (2a) formed on the substrate (2b) and an apparatus cabinet (8) containing the substrate (2b) and the photoelectric converters (2a) in the inside, at least part of the apparatus cabinet (8) being deformable and capable of restoring the original profile or a plurality of containers such as air bags being inserted into the gap between said substrate (2b) and said apparatus cabinet (8) to prevent the inner wall surface of said apparatus cabinet (8) and said substrate (2b) from contacting each other.

Figure 2