

ABSTRACT OF THE DISCLOSURE

EJECTION MECHANISM IN A CARD CONNECTOR

Disclosed is a card ejection mechanism comprising: a metal shell (2) having a guide
5 section (3) on one side thereof; an ejection rod (4) slidably movable within the guide
(3); and an ejection lever (5) rotatable with respect to the inner surface of the metal shell and
operatively connected to the ejection rod (4) that the ejection lever rotates during actuation of
the ejection rod (4). Ejection rod (4) is a rectangular metal piece stamped out of a metal
sheet. Guide section (3) is composed of an inner wall (9) which faces an inner surface of the
10 ejection rod (4), outer sections (10a, 10b and 10c) facing the outer surface of the ejection rod
(4), and a cantilever-like resilient extension (14) provided on the same side as the outer wall
sections to bias the ejection rod (4) against the inner wall (9). These inner wall (9) and outer
wall sections (10a, 10b and 10c) are spaced a distance apart approximately equal to the
thickness of the ejection rod (4). This arrangement minimizes the dimensions of the guide
15 section and the connector incorporating the ejection mechanism, and also improves the
efficiency of the ejection mechanism by providing a tight fit of the ejection rod within the
guide section.