

ABSTRACT OF THE DISCLOSURE

CARD READER CONNECTOR

5 The card reader connector for a SIM card comprising an insulative body (2)
and a cover (4) pivotably mounted on pivot pins (3) of the insulative body for
movement between an open and closed position wherein contact portions (8) of
10 terminals (6) mounted in the insulative body electrically connect with contacts of the
card when the cover is in the closed position. The cover is slidably movable in a
direction perpendicular to an axis of the pivot pins. A locking means is provided
between the cover and the insulative body comprising an L-shaped engaging piece
15 (16) on the insulative body and a corresponding actuating piece (25) on the cover
which interengage when the cover is in its closed position to lock the cover to the
insulative body. A leaf spring biases the cover in a direction away from the
insulative body. The connector is characterized in that when the cover is moved to its
closed position, it is slidably moved rearwardly, toward the axis of the pivot pins, to
20 produce a spring force. Therefore, when the cover is in its closed position, it is in a
fully locked position by the resilient spring force imparted by the leaf spring. The
card reader connector therefore facilitates insertion and removal of the card and
maintains its integrity and robustness irrespective of its small size.

