

Title (en)
CHIP CARD AND CHIP CARD READER

Title (de)
CHIPKARTE UND KARTENLESER FÜR CHIPKARTEN

Title (fr)
CARTE A PUCE ET LECTEUR DE CARTE A PUCE

Publication
EP 0826186 A1 19980304 (DE)

Application
EP 96945876 A 19961113

Priority
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• DE 19608990 A 19960308

Abstract (en)
[origin: DE19608990A1] A chip card (1) is disclosed with write and/or read contacts (10, 11, 12, 13, 14, 15, 16, 17) on its surface. The write and/or read contacts (10, ..., 17) contact corresponding rigid matching contacts (20, ..., 27) of a card reader with a chip card (1) reception shaft. The contacts (10, ..., 17) are designed in such a way that contact is maintained when the chip card (1) is moved beyond its normal position, in particular when it is inserted into the card reception shaft, during the time required to end a writing operation when the chip card (1) is removed from the card reception shaft and/or when the chip card (1) is moved in or across its insertion direction into the card reader, in particular when the chip card (1) is inserted into or withdrawn from the card reader. The contacts (10, ..., 17) are designed in such a way that no short-circuit is produced between individual contacts (10, ..., 17) when the matching contacts (20, ..., 27) pass over the contacts (10, ..., 17). A chip card reader has a chip card (1) reception shaft and matching contacts (20, ..., 27) that mechanically cooperate with write and/or read contacts (10, ..., 17) on the chip card (1) and that electrically connect a computer to the contacts (10, ..., 17). The matching contacts (20, ..., 27) are rounded in and/or across the insertion direction of the chip card (1) into the card reader. The curvature radius is selected in such a way that no short-circuit is produced between individual contacts (10, ..., 17) when the matching contacts (20, ..., 27) pass over the contacts (10, ..., 17) of the chip card (1).

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IPC 8 full level
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