ABSTRACT

Personalisation of an active so-called SIM card (11) for a mobile telephone system of GSM type is effected in a place (3) connected to the central computer (1) of the system via a communication network (2). The card identity IMSI and the card authentication key Ki are transferred in line-encrypted form (DES) to terminal equipment (9) in said place, where the card (11) is inserted in a reader (10). After line decryption (12, 13), the result thereof is transferred to the card in a manner to prevent unauthorised listening-in. This can be done in a safety box or by double encryption (A3/A8) of IMSI and Ki, the decryption thereof being performed within the card by means of a unique card key Ksim.

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Fig. 1