

Title (en)
PORTABLE OBJECT WITH CONTACTLESS COMMUNICATION THROUGH TWO COMMUNICATION CHANNELS, INDUCTIVE AND RADIO WAVE

Title (de)
TRAGBARER GEGENSTAND ZUR INDUKTIV- ODER FUNK-KONTAKTLOSEN VERBINDUNG

Title (fr)
OBJET PORTATIF A COMMUNICATION SANS CONTACT SUIVANT DEUX VOIES DE COMMUNICATION, INDUCTIVE ET HERTZIENNE

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Application
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• FR 9807577 A 19980616

Abstract (en)
[origin: FR2779847A1] The invention concerns a portable object (10) to be used in a contactless secure automatic electronic transaction system comprising: means for setting up a first communication channel, by induction and short range, between the portable object and a terminal, with first transmitting means (26) and receiving means (26), co-operating with a tuned element (20) so as to pick up a modulated magnetic field coming from a terminal or to produce in response a modulated disturbance of said magnetic field; and means for setting up a second communication channel, long range, between the portable object and a receiver, said means comprising second transmission means (40) co-operating with an antenna (42) so as to radiate a modulated radio frequency wave. The second transmission means are capable of setting up a communication channel separate from the induction channel and of transmitting its own particular data to the remote receiver, and further means (26, 36 PWR) for selectively activating the second transmission means are provided.

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