

Title (en)
TRANSMISSION AND RECEIVING SYSTEM.

Title (de)
SENDER-EMPFÄNGER-SYSTEM.

Title (fr)
SYSTEME EMETTEUR-RECEPTEUR.

Publication
EP 0472528 B1 19940209 (DE)

Application
EP 90905435 A 19900406

Priority
DE 3916175 A 19890518

Abstract (en)
[origin: WO9014484A1] A transmission and receiving system (figs. 1 and 2) which checks the entitlement to use an object (O) contains a transmitter (S) with a transmission component (SE) and one or more transmitter controls (SB) which can trigger the transmission of coded signals (SI) in which the code concerns the entitlement to use the object (O). The transmitter (S) has at least one single transmission store (SS) to store data on use entitlement. The receiver (E) has a reception component (EE) which receives the coded signals transmitted to it and a reception store (ES) to store data for distinguishing between the entitlement or otherwise of codes (SI) received and a logic circuit (μ P) which checks the code (SI) received using the data stored in the reception store (ES) and actuates a device (ST) or does not depending on the result of the check. For (re-)initialisation, the transmitter (S) contains a random generator (Z) to prepare the new codes(s) (SI) used by the device itself, which generates a random number (B) via the operation of at least one of the transmitter controls (SB). The transmitter (S) sends the receiver (E) an original code (UC) which accordingly establishes either a starting code (SC), i.e. a new code (SC), or the codes (SI) including the starting code (SC), i.e. including the first usable code of these codes (SI) so that this transmitted original code (UC) and/or data (SC) produced by calculation from the original code (UC) in the receiver (E) and/or in the transmitter (S) is stored in the transmission store (SS) or in the reception store (ES), whereby the original code (UC) is transmitted unidirectionally from the transmitter (S) to the receiver (E) without any dialogues taking place automatically and bidirectionally between the transmitter (S) and the receiver (E).

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IPC 8 full level
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Cited by
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DE FR GB

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