

ABSTRACT

The aim of this invention is on one hand, to allow the reading of a content stored by a digital video recorder from a decoder of the local network regardless of the time elapsed between storage and reading, and on the other hand to prevent the transfer or improper copying of the content stored from one network to another.

This aim is achieved by a method for transmitting digital data in a local network comprising members constituted by at least one first multimedia unit (DVR) having content (C) storage means (HD) and at least one second multimedia unit (STB1, STB2, STB3) intended to restore the content (C), said first multimedia unit being connected on one hand to a broadcasting server (SD) of encrypted digital audio/video data (D) and on the other hand to the second multimedia unit (STB1, STB2, STB3), each member possessing a security module (SM0, SM1, SM2, SM3) including a network key (Kr), said first multimedia unit (DVR) receives and decrypts the encrypted data forming a content (C) broadcasted by the broadcasting server (SD) and re-encrypts the content (C) previously decrypted, said method is characterized in that the content is re-encrypted with a random key (Ka) and transmitted to the second multimedia unit (STB1, STB2, STB3) accompanied by an authorization block $Kr(Ka)$ comprising the random key (Ka) encrypted with the network key (Kr), said second multimedia unit (STB1, STB2, STB3) decrypts the authorization block $Kr(Ka)$, and extracts the random key (Ka) to be used for decrypting the content (C).