Summary

With new generation PAY TV systems using a control access system based on smart card (25) processing, the PAY TV decoder (26) has lost its identity. This means that all the data are addressed to a given address which belongs to the smart card and not to the decoder. These systems offer a detachable control access but loose the geographical information.
The invention gives a flexible solution in order to carry data for control access based on both, smart card and decoder, for PAY TV systems on PAL, SECAM and NTSC. The information, such as listed below, is down loaded via the transmission channel:

- specific channel allocation table;
- data related to the VTR of the customer;
- messages related to a geographic location.

To carry the data the invention uses two sets of n video lines which represent two data channels. Each data packet on this channels contains two types of information: descriptor data and application data. In a receiver the data are extracted from the video lines by a data dispatcher (22). After receiving a packet from one data channel the data dispatcher analyses the descriptor data which contain information describing the target. The data dispatcher transmits the application data contained in the packet without analysing them to the correct processor unit: either control access processor (23) or decoder intelligent processor (26).

Fig. 2

This Sheet Has Been Replaced



THIS SHEET HAS BEEN REPLACED