METHOD FOR HIGH-SPEED DATA STREAM TRANSMISSION TO AN INTERNET-TYPE NETWORK BETWEEN A SERVER AND A SMART CARD TERMINAL, IN PARTICULAR A MULTIMEDIA DATA STREAM

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ABSTRACT

The invention relates to a method for high-speed data stream transmission to an Internet-type network (RI) between a remote server (4) and a smart card terminal (1). The terminal and the card each include a specific transmission protocol layer (13, 23a). These layers include two intelligent agents (T_2, T_1, S_2, S_1), one being a server and the other being a client. The intelligent agents (T_2, T_1, S_2, S_1) enable the establishment of bidirectional data exchange sessions. The card then has the function of a client/web server. A filter (28) cooperates with the intelligent agents (T_2, T_1, S_2, S_1) to form a "proxy"-type function (27) implanted directly in the card. The data stream includes critical data that pass through the card and opaque data that pass directly to the terminal (1) under the control of the filter (28).

Application in particular to multimedia data streams.

Fig. 6