

ABSTRACT**Method and system for routing secure communication streams between remote sites**

- 5 A device (D) for interconnection and routing between an enclave local area network (E_201) and at least one transport network (T_204,T_205,T_206), characterized in that it comprises:
- first means (311) that are suited to selecting, for a communication stream from said source local area network (E_201), at least one
10 path to the enclave network (E_203) for which it is intended and to associating this path with a marking value (X),
 - means (317) for inserting the marking value (X) into a header field of the packets in said stream,
 - ciphering means (331) for the entirety of said stream with the
15 exception of said header fields,
 - second means (321) that are suited to switching said ciphered stream to the transport network (T_204) that is directly connected to said source local area network (E_201) and situated on the selected path, on the basis of the marking value (X) read from the
20 header field of said packets,
 - a gateway (341) for communicating to said second means (342) the association between the marking value (X) and the switching to be applied on the basis of the path selected by said first means (311).

25

Figure 5