

Title (en)  
METHOD FOR AUTHENTICATING WITH SYMMETRICAL ALGORITHM

Title (de)  
VERFAHREN ZUR AUTHENTIFIZIERUNG MIT HILFE EINES SYMMETRISCHEN ALGORITHMUS

Title (fr)  
PROCEDE D'AUTHENTIFICATION A ALGORITHMME SYMETRIQUE

Publication  
**EP 1104607 A1 20010606 (FR)**

Application  
**EP 99936740 A 19990816**

Priority  
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Abstract (en)  
[origin: FR2782431A1] The authentication technique between two units, a card and card machine for instance, has a secret key in both sections. One unit sends the other a random number. Then the second unit chooses a random number based on the random key and a logic formula. A symmetrical cypher algorithm calculates another number. The modified number is sent back to the first unit. The first unit uses the symmetrical algorithm to determine whether the random number is authenticated (T) or found to be false (F).

IPC 1-7  
**H04L 9/32**

IPC 8 full level  
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