

Title (en)  
METHOD AND SYSTEM FOR SECURING INTERFACE ACCESS VIA VISUAL ARRAY PATHS IN COMBINATION WITH HIDDEN OPERATORS

Title (de)  
VERFAHREN UND SYSTEM ZUR SICHERUNG DES SCHNITTSTELLENZUGANGS ÜBER VISUELLE ARRAY-PFADE IN KOMBINATION MIT VERBORGENEN OPERATOREN

Title (fr)  
PROCÉDÉ ET SYSTÈME DE SÉCURISATION D'ACCÈS INTERFACE VIA DES CHEMINS D'ENSEMBLES VISUELS ASSOCIÉS À DES OPÉRATEURS CACHÉS

Publication  
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Application  
**EP 06705241 A 20060301**

Priority  
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Abstract (en)  
[origin: WO2007098569A1] A method and system for securing interface access via visual array patterns in combination with hidden operations improves the security of computer systems and dedicated terminals. A hint display is generated in at least a quasi-random fashion that may be an array of numerical digit values. A user input is received that represents selection of a pattern of elements chosen from the hint display and combined in an algorithm using one or more mathematical, relational and/or logical operations. A pre-defined pattern and algorithm are used to generate a token from the hint display that is compared with the user input to verify that the user knows the pattern and algorithm. Further ease of use can be provided by dividing a hint display array into sub-arrays while providing a clue such as color to indicate each sub-array to the user.

IPC 8 full level  
**G06F 21/36** (2013.01); **G07F 19/00** (2006.01)

CPC (source: EP)  
**G06F 21/36** (2013.01)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 2007098569A1

Citation (examination)

- US 2005160297 A1 20050721 - OGAWA HIDEHARU [JP]
- US 2005254650 A1 20051117 - SAKURAI SHOJI [JP], et al

Cited by  
EP2070234B1

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