Title (en)

VERIFICATION OF ACCESS COMPLIANCE OF SUBJECTS WITH OBJECTS IN A DATA PROCESSING SYSTEM WITH A SECURITY POLICY

Title (de)

ÜBERPRÜFUNG DER ZUGANGSBERECHTIGUNG VON GEBRAUCHERN ZU OBJEKTEN IN EINEM DATENVERARBEITUNGSSYSTEM MIT EINER SICHERHEITSPOLITIK

Title (fr)

VERIFICATION DE LA CONFORMITE D'ACCES DE SUJETS A DES OBJETS DANS UN SYSTEME DE TRAITEMENT DE DONNEES AVEC UNE POLITIQUE DE SECURITE

Publication

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Application

EP 02713020 A 20020308

Priority

- FR 0200844 W 20020308
- FR 0103486 A 20010313

Abstract (en)

[origin: WO02073552A1] The invention relates to access rules (R) of compliance of subjects (Su) with objects (Ob) with a predetermined security policy (PS) in a data processing system such as a chip card. Each access rule defines the right of a subject to carry out an action on an object. The security policy defines the security rules (RS) for access of the subjects to the objects. For an operation relating to a given object (Ob), at least one access rule relating to the given object is compared with the security rules in order to accept the operation when the access rule is in compliance with all the security rules; if this is not the case, the operation is refused. An operation can be the loading of an object such as an application, a modification of the access rules, or deletion or addition of a subject (s) or a request for access to a given object by a subject or a group of subjects.

IPC 1-7

G07F 7/10; G06F 12/14

IPC 8 full level

G07F 7/10 (2006.01)

CPC (source: EP US)

G06Q 20/341 (2013.01 - EP US); **G06Q 20/35765** (2013.01 - EP US); **G07F 7/1008** (2013.01 - EP US)

Citation (search report)

See references of WO 02073552A1

Citation (examination)

DREYER L C J ET AL: "A workbench for privacy policies", COMPUTER SOFTWARE AND APPLICATIONS CONFERENCE, 1998. COMPSAC '98. PROC EEDINGS. THE TWENTY-SECOND ANNUAL INTERNATIONAL VIENNA, AUSTRIA 19-21 AUG. 1998, LOS ALAMITOS, CA, USA,IEEE COMPUT. SOC, US, 19 August 1998 (1998-08-19), pages 350 - 355, XP010305456, ISBN: 978-0-8186-8585-9, DOI: 10.1109/ CMPSAC.1998.716679

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