

Title (en)

INTERFACE METHOD AND DEVICE FOR THE ON-LINE EXCHANGE OF CONTENTS DATA IN A SECURE MANNER

Title (de)

SCHNITTSTELLENVERFAHREN- UND EINRICHTUNG ZUM ONLINE-AUSTAUSCH VON INHALTSDATEN AUF SICHERE WEISE

Title (fr)

PROCEDE ET DISPOSITIF D'INTERFACE POUR ECHANGER DE MANIERE PROTEGEE DES DONNEES DE CONTENU EN LIGNE

Publication

**EP 1514377 A1 20050316 (FR)**

Application

**EP 03748176 A 20030617**

Priority

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- FR 0207413 A 20020617

Abstract (en)

[origin: FR2841070A1] The method includes the steps of reception of a code entered by a user on an interface device (4a-c), transmission of a first read request from the interface device to a first server device (3), in which are stored the respective personal cryptographic data for a number of users encoded by using a respective authentic code for the user. The next step includes reception of the encoded personal cryptographic data for the user in the interface device, decoding the personal cryptographic data by the entered code when the entered code corresponds to the authentic code for the user, and finally use of the personal cryptographic data to secure an exchange of contents data between the interface device and one second server device (2a-b) and erasure of the entered code and the personal cryptographic data from the interface device.

IPC 1-7

**H04L 9/32**; **H04L 9/08**

IPC 8 full level

**H04L 9/08** (2006.01); **H04L 9/32** (2006.01)

CPC (source: EP US)

**H04L 9/0844** (2013.01 - EP US); **H04L 9/3218** (2013.01 - EP US); **H04L 2209/60** (2013.01 - EP US)

Citation (search report)

See references of WO 03107587A1

Citation (examination)

STEVEN M BELLOVIN ET AL: "Augmented encrypted key exchange: a password-based protocol secure against dictionary attacks and password file compromise", PROCEEDINGS OF THE 1ST ACM CONFERENCE ON COMPUTER AND COMMUNICATIONS SECURITY, ACM PRESS, NY, NY, US, vol. 1, 3 November 1993 (1993-11-03), pages 244 - 250, XP002541159, ISBN: 978-0-89791-629-5

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