

Title (en)
SECURITY SYSTEMS AND METHODS FOR ENCODING AND DECODING DIGITAL CONTENT

Title (de)
SICHERHEITSSYSTEME UND VERFAHREN ZUM KODIEREN UND DEKODIEREN DIGITALER INHALTE

Title (fr)
SYSTÈMES ET PROCÉDÉS DE SÉCURITÉ DE CODAGE ET DE DÉCODAGE DE CONTENU NUMÉRIQUE

Publication
EP 2771834 A4 20150617 (EN)

Application
EP 12850173 A 20121018

Priority

- US 201113295686 A 20111114
- US 201213610657 A 20120911
- US 201213610636 A 20120911
- US 2012060828 W 20121018

Abstract (en)
[origin: WO2013074245A1] Systems and methods may be provided for masking data on public networks. At a publishing node, the system may monitor data input fields in a webpage, and intercept and encode content, such as text, images, and video input at the data input fields, prior to the content being posted online on a public service provider's website. A policy may be defined to control which users are permitted access to a key to decode the encoded content. The policy may defer to a third party policy node in determining key access. An account for a controlling entity, such as a guardian or employer, may be configured to control the encoding status of posts made by another, and decoding key access. A privacy agent may process input field content to try to detect encoding markers in the input field content, which marks content to be encoded. A third party key server may be used to store decoding keys. A URI reference to the decoding key may be used to access the decoding key by a node attempting to view the decoded version of the input field content.

IPC 8 full level
G06F 21/30 (2013.01); **G06F 21/60** (2013.01); **G06F 21/62** (2013.01); **H04L 9/08** (2006.01); **H04L 29/06** (2006.01)

CPC (source: EP)
G06F 21/6218 (2013.01); **G06F 21/6227** (2013.01); **H04L 63/10** (2013.01); **H04L 9/083** (2013.01); **H04L 63/0428** (2013.01)

Citation (search report)

- [A] US 2002029340 A1 20020307 - PENSACK DAVID A [US], et al
- [IA] BADEN R ET AL: "Persona: an online social network with user-defined privacy", COMPUTER COMMUNICATION REVIEW, ACM, NEW YORK, NY, US, vol. 39, no. 4, 1 October 2009 (2009-10-01), pages 135 - 146, XP002672631, ISSN: 0146-4833
- [A] FILIPE BEATO ET AL: "Scramble! Your Social Network Data", 27 July 2011, PRIVACY ENHANCING TECHNOLOGIES : 11TH INTERNATIONAL SYMPOSIUM, PETS 2011, WATERLOO, CANADA, JULY 27-29, 2011 ; PROCEEDINGS; [LECTURE NOTES IN COMPUTER SCIENCE, ISSN 0302-9743 ; ZDB-ID: 1219091 ; 6794], SPRINGER, BERLIN; HEIDELBERG, PAGE(S) 211 - 225, ISBN: 978-3-642-22262-7, XP047025541
- [A] GHORBEL M ET AL: "Privacy Data Envelope: Concept and implementation", PRIVACY, SECURITY AND TRUST (PST), 2011 NINTH ANNUAL INTERNATIONAL CONFERENCE ON, IEEE, 19 July 2011 (2011-07-19), pages 55 - 62, XP032116234, ISBN: 978-1-4577-0582-3, DOI: 10.1109/PST.2011.5971964
- See references of WO 2013074245A1

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US9977921B2; US9946898B2; US9990516B2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2013074245 A1 20130523; CA 2855828 A1 20130523; CA 2855828 C 20210216; CA 3103222 A1 20130523; CA 3103222 C 20230509; EP 2771834 A1 20140903; EP 2771834 A4 20150617

DOCDB simple family (application)
US 2012060828 W 20121018; CA 2855828 A 20121018; CA 3103222 A 20121018; EP 12850173 A 20121018