

Title (en)

METHOD FOR GENERATING MASKS IN A COMMUNICATING OBJECT AND CORRESPONDING COMMUNICATING OBJECT

Title (de)

VERFAHREN ZUM ERZEUGEN VON MASKEN IN EINEM KOMMUNIZIERENDEN OBJEKT UND ENTSPRECHENDES KOMMUNIZIERENDES OBJEKT

Title (fr)

PROCEDE DE GENERATION DE MASQUES DANS UN OBJET COMMUNIQUE ET OBJET COMMUNIQUE CORRESPONDANT

Publication

EP 2195793 A1 20100616 (FR)

Application

EP 08803273 A 20080827

Priority

- EP 2008061242 W 20080827
- EP 07301410 A 20070928
- EP 08803273 A 20080827

Abstract (en)

[origin: EP2053568A1] The method involves applying a diversifier (D) to a master mask (11), by applying rotation to the master mask, to generate a diversified mask (14). Data (10) to be stored is masked in a communicating object by a reversible function i.e. exclusive OR function (12), using the diversified mask to generate a masked data (15). The masked data is stored in the communicating object with the diversifier that is used for generating the diversified mask to obtain the masked data.

IPC 8 full level

G07F 7/10 (2006.01); **G06F 21/60** (2013.01)

CPC (source: EP US)

G06F 21/602 (2013.01 - EP US); **G06Q 20/341** (2013.01 - EP US); **G06Q 20/35765** (2013.01 - EP US); **G06Q 20/40975** (2013.01 - EP US); **G07F 7/1008** (2013.01 - EP US); **G06F 2221/2153** (2013.01 - EP US)

Citation (search report)

See references of WO 2009040204A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2053568 A1 20090429; EP 2195793 A1 20100616; US 2010239091 A1 20100923; WO 2009040204 A1 20090402

DOCDB simple family (application)

EP 07301410 A 20070928; EP 08803273 A 20080827; EP 2008061242 W 20080827; US 68024208 A 20080827