

## Title (en)

METHODS AND SYSTEMS FOR CONTROLLING COMPUTERS OR LINKING TO INTERNET RESOURCES FROM PHYSICAL AND ELECTRONIC OBJECTS

## Title (de)

METHODEN UND SYSTEME ZUR RECHNERSTEUERUNG ODER VERBINDUNG VON PHYSISCHEN ODER ELEKTRONISCHEN OBJEKTEN MIT INTERNET-RESSOURCEN

## Title (fr)

PROCEDES ET SYSTEMES DE CONTROLE D'ORDINATEURS OU DE LIAISON AUX RESSOURCES INTERNET D'OBJETS PHYSIQUES ET ELECTRONIQUES

## Publication

**EP 1185967 A1 20020313 (EN)**

## Application

**EP 00930749 A 20000515**

## Priority

- US 0013333 W 20000515
- US 31464899 A 19990519
- US 34268899 A 19990629
- US 34268999 A 19990629
- US 34297199 A 19990629
- US 34310199 A 19990629
- US 34310499 A 19990629
- US 14146899 P 19990629
- US 15158699 P 19990830
- US 15801599 P 19991006
- US 16333299 P 19991103
- US 16461999 P 19991110
- US 53107600 A 20000318
- US 54312500 A 20000405
- US 54766400 A 20000412
- US 55299800 A 20000419

## Abstract (en)

[origin: EP1054335A2] Physical or electronic objects are encoded with identifiers, which serve to trigger object-appropriate responses from computer systems that encounter such objects. The encoding may be steganographic (e.g., by digital watermarks), so the presence of such identifiers is not evident to persons encountering the objects. An exemplary application is a computer system that looks at a printed magazine advertisement and initiates a link to a corresponding internet page. In one such implementation, the computer system senses an identifier encoded in the advertisement, forwards the identifier to a remote database, receives from the database a corresponding internet address, and directs a browser to that address. The same arrangement can be used for on-line ordering from printed merchandise catalogs. Another application is a computer system that looks at a printed spreadsheet, and retrieves from disk storage an electronic version of the same document for editing. In one such implementation, the computer system senses an identifier encoded in the printed spreadsheet, checks the identifier against a local index of documents stored on the computer, and recalls the corresponding document for editing. A variety of other applications, and associated methods and apparatuses, are also disclosed. <IMAGE>

## IPC 1-7

**G06F 17/60; H04N 1/32**

## IPC 8 full level

**G06F 12/00** (2006.01); **G06F 13/00** (2006.01); **G06F 17/00** (2006.01); **G06F 17/30** (2006.01); **G06K 7/00** (2006.01); **G06K 19/06** (2006.01); **G06Q 30/02** (2012.01); **G07F 17/26** (2006.01); **G09C 5/00** (2006.01); **H04L 9/00** (2006.01); **G06V 30/224** (2022.01)

## CPC (source: EP KR)

**G06F 16/9554** (2018.12 - EP); **G06F 17/00** (2013.01 - KR); **G06Q 30/02** (2013.01 - EP); **G07F 17/26** (2013.01 - EP)

## Cited by

CN108768580A; WO2016204619A2

## Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

## DOCDB simple family (publication)

**EP 1054335 A2 20001122; EP 1054335 A3 20031217**; AU 2005205804 A1 20050929; AU 2009200468 A1 20090226; AU 2009200468 B2 20110331; AU 2009200468 B9 20110811; AU 4851300 A 20001205; CA 2373511 A1 20001123; CA 2373511 C 20140708; EP 1185967 A1 20020313; EP 1185967 A4 20041103; KR 101145534 B1 20120601; KR 20020003394 A 20020112; WO 0070585 A1 20001123

## DOCDB simple family (application)

**EP 00110633 A 20000518**; AU 2005205804 A 20050902; AU 2009200468 A 20090206; AU 4851300 A 20000512; CA 2373511 A 20000515; EP 00930749 A 20000515; KR 20017014758 A 20000515; US 0013333 W 20000515