

Title (en)

METHOD AND DEVICE FOR DATA COMMUNICATION IN A MULTI-USER SYSTEM

Title (de)

VERFAHREN UND EINRICHTUNG ZUR DATENKOMMUNIKATION IN EINEM MEHRBENUTZERSYSTEM

Title (fr)

PROCEDE ET DISPOSITIF PERMETTANT DE COMMUNIQUER DES DONNEES DANS UN SYSTEME MULTI-UTILISATEUR

Publication

EP 1446905 A2 20040818 (EN)

Application

EP 02801657 A 20021004

Priority

- US 0231858 W 20021004
- US 98103101 A 20011017
- US 97889001 A 20011017
- US 98227101 A 20011017
- US 98227901 A 20011017
- US 98147601 A 20011017

Abstract (en)

[origin: WO03034632A2] A communications method and device that enables multiple source devices (110, 120, 130) to communicate information to a destination device (100) is disclosed. The information communicated from any source device to the destination device (100) typically takes the form of binary electronic product codes ("EPC") or identification ("ID") information. The preferred embodiment of the invention utilizes the techniques of: data scrambling and descrambling; channel selection and transmission; enabling and disabling group transmissions; correlation; and collision mitigation.

IPC 1-7

H04J 11/00; H04L 9/00; H04B 1/69; H04B 1/707; H04B 7/24

IPC 8 full level

H04B 1/59 (2006.01); **H04B 1/707** (2006.01); **H04L 1/00** (2006.01); **H04L 9/06** (2006.01); **H04L 12/413** (2006.01); **H04B 17/00** (2006.01); **H04J 13/00** (2006.01)

CPC (source: EP)

H04B 1/7093 (2013.01); **H04L 1/0001** (2013.01); **H04L 12/413** (2013.01); **H04W 16/14** (2013.01); **H04B 17/382** (2015.01); **H04B 2001/70935** (2013.01); **H04J 13/0022** (2013.01); **H04J 13/10** (2013.01); **H04W 24/00** (2013.01)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

WO 03034632 A2 20030424; **WO 03034632 A3 20040205**; **WO 03034632 A9 20040708**; **WO 03034632 B1 20040311**;
AU 2002334867 A1 20030428; CN 1572079 A 20050126; EP 1446905 A2 20040818; EP 1446905 A4 20061115; IL 161169 A0 20040831;
JP 2005507193 A 20050310; JP 2007274682 A 20071018; JP 2008017460 A 20080124; JP 4125676 B2 20080730; JP 4180641 B2 20081112;
JP 4629692 B2 20110209; TW I226587 B 20050111

DOCDB simple family (application)

US 0231858 W 20021004; AU 2002334867 A 20021004; CN 02820625 A 20021004; EP 02801657 A 20021004; IL 16116902 A 20021004;
JP 2003537231 A 20021004; JP 2007061794 A 20070312; JP 2007143755 A 20070530; TW 91123928 A 20021017