

Title (en)

BEAMCAST (CONTINUOUS DATA BEAMING SYSTEM)

Title (de)

STRAHLENDUNG (KONTINUIERLICHES DATENSENDUNGSSYSTEM)

Title (fr)

FAISCEAU CONTINU (SYSTEME DE TRANSFERT DE DONNEES PAR FAISCEAU CONTINU)

Publication

EP 1320797 A4 20040317 (EN)

Application

EP 01978688 A 20010801

Priority

- IB 0101708 W 20010801
- US 23575100 P 20000927

Abstract (en)

[origin: WO0227422A2] A continuous Data Beaming System that is capable of continuously and automatically beaming data by direct transmission from one Host device (source device or "beaming station") to another Remote Device (receiver device) every time the receiver needs the data. The Host Device constantly searches to find an IrOBEX compliant Remote Device, checks availability for an infrared connection, completes the connection to the Remote Device and transfers a data object through the respective infrared ports. If a failure occurs during any of the foregoing steps, the program automatically returns to searching. This progresses in an infinite loop, thereby accomplishing continuous, wireless, infrared data transmission. During the continuous transmission, no Remote Device other than BeamMaster can interrupt the continuous beaming. The BeamMaster Device allows the system to halt for a brief period, thirty seconds or less, so that files or data objects may be swapped. Continuous beaming resumes once the files are swapped or the time has expired. The Host Device automatically transmits data to the receiver device every time a receiver shows up and needs the data, thereby effectively achieving one-touch wireless synchronization.

IPC 1-7

G06F 1/00

IPC 8 full level

H04B 10/114 (2013.01)

CPC (source: EP)

H04B 10/114 (2013.01)

Citation (search report)

- [Y] US 6088730 A 20000711 - KATO NAOTAKA [JP], et al
- [Y] EP 0917077 A2 19990519 - LUCENT TECHNOLOGIES INC [US]
- [Y] WILLIAMS T ET AL: "Serial Infrared Link Access Protocol (IrLAP)", INFRARED DATA ASSOCIATION LINK MANAGEMENT PROTOCOL, XX, XX, PAGE(S) 1-116, XP002146280
- [Y] HAARTSEN J ET AL: "BLUETOOTH: VISION, GOALS, AND ARCHITECTURE", MOBILE COMPUTING AND COMMUNICATIONS REVIEW, ACM, NEW YORK, NY, US, vol. 2, no. 4, 1 October 1998 (1998-10-01), pages 38 - 45, XP000784002, ISSN: 1091-1669
- See references of WO 0227422A2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 0227422 A2 20020404; WO 0227422 A3 20020815; EP 1320797 A2 20030625; EP 1320797 A4 20040317

DOCDB simple family (application)

IB 0101708 W 20010801; EP 01978688 A 20010801