

Title (en)

STREAM CONNECTION MANAGEMENT IN WIRELESS COMPUTER NETWORKS

Title (de)

STROMVERBINDUNGSSTEUERUNG IN DRAHTLOSEN COMPUTERNETZWERKEN

Title (fr)

GESTION DE CONNEXION DE FLUX DANS DES RESEAUX INFORMATIQUES SANS FIL

Publication

EP 1254538 A2 20021106 (EN)

Application

EP 01947000 A 20010117

Priority

- US 0101696 W 20010117
- US 17825500 P 20000125
- US 61430900 A 20000712

Abstract (en)

[origin: WO0156228A2] Communications between two or more network components are managed at the network data link layer level to facilitate transmitting multimedia stream data between said network components. The network data link layer includes a medium access control (MAC) protocol defining the multimedia stream communication management. In this context, managing the communications includes setting up and/or tearing down a stream data connection (which may be unidirectional or bi-directional) between said network components. Such communication may occur via a wireless communication link between the network components and this link may support radio frequency, direct sequence spread spectrum or other frequency hopping communication techniques. In other cases, infra-red frequency communications may be used. The network components preferably include a MAC level connection manager. This connection manager may include a control layer and a channel interface layer and may be responsible for managing the stream data connections.

IPC 1-7

H04L 12/28; H04L 12/24; H04L 29/06

IPC 8 full level

H04L 12/28 (2006.01); **H04L 12/56** (2006.01); **H04L 29/06** (2006.01); **H04L 29/08** (2006.01)

CPC (source: EP)

H04L 65/1043 (2013.01); **H04W 28/02** (2013.01); **H04L 69/324** (2013.01)

Citation (search report)

See references of WO 0156228A2

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 0156228 A2 20010802; **WO 0156228 A3 20020516**; AU 2961201 A 20010807; EP 1254538 A2 20021106

DOCDB simple family (application)

US 0101696 W 20010117; AU 2961201 A 20010117; EP 01947000 A 20010117