

Title (en)

APPARATUS AND METHODS FOR UNIDIRECTIONAL DATA COMMUNICATION

Title (de)

VORRICHTUNG UND VERFAHREN ZUR DATENÜBERTRAGUNG IN EINE RICHTUNG

Title (fr)

APPAREILS ET PROCEDES DE COMMUNICATION DE DONNEES UNIDIRECTIONNELLE

Publication

**EP 1131908 A1 20010912 (EN)**

Application

**EP 99957502 A 19991103**

Priority

- US 9925836 W 19991103
- US 20067098 A 19981125

Abstract (en)

[origin: WO0031908A1] A method for communicating over a signal conduction medium (108) is provided. The method includes the steps of coupling (102) a communication device (106) to the signal conduction medium (108); storing a digital message packet in the communication device (106); defining N channels of a waveform having a nominal frequency, each channel has a channel period based on the frequency and the length of the digital message packet; and for each frame randomly selecting a channel from among the N channels constituting the frame and transmitting the digital message packet over the signal conduction medium (108) on the selected channel of the waveform.

IPC 1-7

**H04J 4/00**

IPC 8 full level

**H04J 4/00** (2006.01)

IPC 8 main group level

**H04J** (2006.01)

CPC (source: EP KR)

**H04B 3/54** (2013.01 - EP KR); **H04L 12/413** (2013.01 - KR); **H04L 43/0817** (2013.01 - KR); **H04L 47/43** (2022.05 - KR); **H04L 67/12** (2013.01 - KR); **H04L 43/0817** (2013.01 - EP); **H04L 67/12** (2013.01 - EP); **H04L 2012/5604** (2013.01 - KR); **H04L 2012/5675** (2013.01 - KR)

Citation (search report)

See references of WO 0031908A1

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)

**WO 0031908 A1 20000602**; AU 1519300 A 20000613; EP 1131908 A1 20010912; KR 20020003186 A 20020110; NO 20012581 D0 20010525; NO 20012581 L 20010710

DOCDB simple family (application)

**US 9925836 W 19991103**; AU 1519300 A 19991103; EP 99957502 A 19991103; KR 20017006596 A 20010525; NO 20012581 A 20010525