

Title (en)

METHOD FOR REALIZING A LINK ADAPTATION IN A MIMO-OFDM TRANSMISSION SYSTEM

Title (de)

VERFAHREN ZUR REALISIERUNG EINER VERBINDUNGSANPASSUNG IN EINEM MIMO-OFDM-ÜBERTRAGUNGSSYSTEM

Title (fr)

PROCEDE DE REALISATION D'UNE ADAPTATION DE LIAISON DANS UN SYSTEME DE TRANSMISSION MIMO-OFDM-OFDM

Publication

**EP 1794968 A1 20070613 (DE)**

Application

**EP 05794655 A 20050930**

Priority

- EP 2005054933 W 20050930
- DE 102004047746 A 20040930

Abstract (en)

[origin: WO2006035070A1] The invention relates to a method for realizing a link adaptation in a MIMO-OFDM transmisssion system during which a postamble structure (P1) is immediately attached to a data block (CTS) that does not contain sufficient information with regard to channel identification. This postamble structure has, for each antenna, a channel estimation section with a channel estimation sequence. A transmission mode in a respective station is selected on the basis of the received channel sequence.

IPC 8 full level

**H04L 27/26** (2006.01); **H04B 7/04** (2006.01); **H04L 1/00** (2006.01); **H04L 1/16** (2006.01); **H04L 25/02** (2006.01)

CPC (source: EP US)

**H04L 1/1671** (2013.01 - EP US); **H04L 25/0226** (2013.01 - EP US); **H04L 27/2613** (2013.01 - EP US); **H04L 27/26136** (2021.01 - EP US); **H04L 1/0002** (2013.01 - EP US); **H04L 1/1685** (2013.01 - EP US); **H04L 5/0044** (2013.01 - EP US)

Citation (search report)

See references of WO 2006035070A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2006035070 A1 20060406**; DE 102004047746 A1 20060427; EP 1794968 A1 20070613; US 2008089221 A1 20080417

DOCDB simple family (application)

**EP 2005054933 W 20050930**; DE 102004047746 A 20040930; EP 05794655 A 20050930; US 66425205 A 20050930