Title (en)
TRANSMISSION OF OVERHEAD INFORMATION FOR RECEPTION OF MULTIPLE DATA STREAMS

Title (de)
ÜBERTRAGUNG VON OVERHEAD-INFORMATIONEN FÜR DEN EMPFANG MEHRERER DATENSTRÖME

Title (fr)
EMISSION D'INFORMATIONS DE SURDEBIT DESTINEE A LA RECEPTION DE PLUSIEURS FLUX DE DONNEES

Publication
EP 1733495 A2 20061220 (EN)

Application
EP 04796065 A 20041021

Priority
- US 2004035005 W 20041021
- US 51432003 P 20031024
- US 55974004 P 20040405
- US 93258604 A 20040901

Abstract (en)
[origin: WO2005043794A2] Techniques for transmitting overhead information to facilitate efficient reception of individual data streams are described. A base station may transmit multiple data streams on multiple data channels (or MLCs). The MLCs may be transmitted at different times and on different frequency subbands. The time-frequency location of each MLC may change over time. The overhead information indicates the time-frequency location of each MLC and may be sent as "composite" and "embedded" overhead information. The composite overhead information indicates the time-frequency locations of all MLCs and is sent periodically in each super-frame. A wireless device receives the composite overhead information, determines the time-frequency location of each MLC of interest, and receives each MLC at the indicated time-frequency location. The embedded overhead information for each MLC indicates the time-frequency location of that MLC in the next super-frame and is transmitted along with the payload of the MLC in the current super-frame.

IPC 8 full level
H04L 1/00 (2006.01); **H04J 3/00** (2006.01); **H04L 5/00** (2006.01); **H04W 4/06** (2009.01); **H04W 28/00** (2009.01); **H04W 28/06** (2009.01); **H04W 52/02** (2009.01)

IPC 8 main group level
H04L (2006.01)

CPC (source: EP KR)
H04L 5/0005 (2013.01 - KR); **H04L 5/0007** (2013.01 - EP KR); **H04L 5/0053** (2013.01 - KR); **H04L 5/0082** (2013.01 - EP KR); **H04L 5/0091** (2013.01 - EP KR); **H04L 5/0094** (2013.01 - EP KR)

Cited by
CN101729091A

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

Designated extension state (EPC)
AL HR LT LV MK

DOCDB simple family (publication)
WO 2005043794 A2 20050512; **WO 2005043794 A3 20061123**; AU 2004307138 A1 20050512; AU 2004307138 B2 20080508; AU 2004307138 C1 20081113; BR PI0415856 A 20070109; CA 2543414 A1 20050512; EP 1733495 A2 20061220; EP 1733495 A4 20100804; JP 2007518290 A 20070705; JP 4481995 B2 20100616; KR 100877536 B1 20090107; KR 20060096450 A 20060911; KR 20080082004 A 20080910

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US 2004035005 W 20041021; AU 2004307138 A 20041021; BR PI0415856 A 20041021; CA 2543414 A 20041021; EP 04796065 A 20041021; JP 2006536813 A 20041021; KR 20067010082 A 20060524; KR 20087018693 A 20080729