

Title (en)

INTERLEAVER AND DEINTERLEAVER FOR MIMO MULTIPLE ANTENNA SYSTEMS

Title (de)

INTERLEAVER SOWIE DEINTERLEAVER FÜR MIMO-MEHRFACHANTENNENSYSTEME

Title (fr)

ENTRELACEUR ET DESENTRELACEUR POUR SYSTEMES A ANTENNES MULTIPLES MIMO

Publication

EP 1992093 A1 20081119 (DE)

Application

EP 06793837 A 20060926

Priority

- EP 2006066767 W 20060926
- DE 102005053714 A 20051110

Abstract (en)

[origin: WO2007054400A1] Disclosed is an interleaver (IL) for a MIMO multiple antenna system (AZ2), which is connected upstream from several transmit antenna branches (TX1 with TX4) and interleaves adjacent bits of a whole data flow (DSI) that is to be transmitted. Said interleaver (IL) additionally separates adjacent bits in the whole data flow (DSI) that is to be transmitted into different partial data flows (DA1 with DA4) in different transmit antenna branches with the aid of interleaving means.

IPC 8 full level

H04L 1/00 (2006.01); **H04L 1/06** (2006.01)

CPC (source: EP)

H04L 1/0041 (2013.01); **H04L 1/0071** (2013.01); **H04L 1/0656** (2013.01)

Citation (search report)

See references of WO 2007054400A1

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 2007054400 A1 20070518; DE 102005053714 A1 20070524; DE 102005053714 B4 20090507; EP 1992093 A1 20081119

DOCDB simple family (application)

EP 2006066767 W 20060926; DE 102005053714 A 20051110; EP 06793837 A 20060926