

Title (en)

TRANSMISSIONS TO HIGH-SPEED DEVICES

Title (de)

ÜBERTRAGUNGEN AN HOCHGESCHWINDIGKEITSVORRICHTUNGEN

Title (fr)

TRANSMISSIONS À DESTINATION DE DISPOSITIFS À GRANDE VITESSE

Publication

EP 2859773 A1 20150415 (EN)

Application

EP 12878373 A 20120607

Priority

CN 2012076611 W 20120607

Abstract (en)

[origin: WO2013181831A1] A technique, comprising: in response to an indication that a communication device is changing its physical location at a rate above a predetermined threshold, selecting for transmissions to said communication device a transmission mode according to which: data symbols are transmitted together with reference symbols according to the same pre-coding as said data symbols; data symbols and reference symbols share a common pre-coding matrix over a plurality of resource blocks; and multi-layer transmissions involve the transmission of reference symbols for a plurality of layers via shared pairs of resource elements using orthogonal cover codes according to which no despreading is required at the communication device.

IPC 8 full level

H04W 88/08 (2009.01); **H04B 7/06** (2006.01); **H04L 5/00** (2006.01)

CPC (source: EP)

H04B 7/0456 (2013.01); **H04B 7/0689** (2013.01); **H04L 5/0023** (2013.01); **H04L 5/0048** (2013.01); **H04W 72/23** (2023.01)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2013181831 A1 20131212; EP 2859773 A1 20150415; EP 2859773 A4 20160106

DOCDB simple family (application)

CN 2012076611 W 20120607; EP 12878373 A 20120607