

Title (en)

Method and means for receiving a DVB-T broadcast signal

Title (de)

Verfahren und Vorrichtung zum Empfang eines DVB-T Rundfunksignals

Title (fr)

Procédé et dispositif pour la réception d'un signal radiophonique DVB-T

Publication

**EP 1845642 B1 20160217 (DE)**

Application

**EP 07007152 A 20070405**

Priority

DE 102006017347 A 20060411

Abstract (en)

[origin: EP1845642A2] The method involves dividing symbol duration of a radio signal into a range and a user data range, and carrying-out decoding of data transmitted in the symbol duration based on signals obtained by an evaluation window (2), where the range is a guard-interval. The window is extended into the range of the symbol duration. The window is shifted in the symbol duration such that interference in the user data range does not lie in the window. An independent claim is also included for a device for execution of a method of decoding a radio signal.

IPC 8 full level

**H04H 40/18** (2008.01); **H04L 69/40** (2022.01)

IPC 8 main group level

**H04H 1/00** (2006.01)

CPC (source: EP)

**H04H 40/18** (2013.01)

Citation (examination)

SPETH M ET AL: "Frame synchronization of OFDM systems in frequency selective fading channels", VEHICULAR TECHNOLOGY CONFERENCE, 1997, IEEE 47TH PHOENIX, AZ, USA 4-7 MAY 1997, NEW YORK, NY, USA,IEEE, US, vol. 3, 4 May 1997 (1997-05-04), pages 1807 - 1811, XP010229079, ISBN: 978-0-7803-3659-9, DOI: 10.1109/VETEC.1997.605870

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 1845642 A2 20071017; EP 1845642 A3 20080528; EP 1845642 B1 20160217**; DE 102006017347 A1 20071025; DE 102006017347 B4 20081127; ES 2571930 T3 20160527; PL 1845642 T3 20160729

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