

Title (en)  
CHIP EQUALIZER AND EQUALIZING METHOD

Title (de)  
CHIP-ENTZERRER UND ENTZERRUNGSVERFAHREN

Title (fr)  
ÉGALISEUR AU NIVEAU CHIP ET PROCÉDÉ D'ÉGALISATION

Publication  
**EP 2050241 A4 20170913 (EN)**

Application  
**EP 07793400 A 20070807**

Priority  
• KR 2007003788 W 20070807  
• KR 20060074288 A 20060807

Abstract (en)  
[origin: WO2008018736A1] Disclosed are a chip equalizer and an equalizing method capable of minimizing complexity for signal demodulation in accordance with performance of a receiver. The chip equalizer comprises a delay control module that recognizes an area having a main signal included therein from a signal distribution of signals received from a tuner and determines a noise compensation area in accordance with a delay difference between neighboring main signals; at least one first unit delay module that delays, among the signals received from the tuner, a signal of the area having the main signal included therein at an interval of a chip unit and outputs it to a tap coefficient estimation module; and at least one second module that delays, among the signals received from the tuner, a signal of an area having no main signal included therein at an interval of a chip unit.

IPC 8 full level  
**H04L 27/01** (2006.01); **H04L 1/00** (2006.01); **H04L 25/03** (2006.01)

CPC (source: EP KR)  
**H04B 7/005** (2013.01 - KR); **H04L 25/03038** (2013.01 - EP); **H04L 27/01** (2013.01 - KR); **H04L 1/0045** (2013.01 - EP);  
**H04L 1/0065** (2013.01 - EP)

Citation (search report)  
• [X1] US 2001048717 A1 20011206 - OUGI TOSHIYUKI [JP], et al  
• [X1] WO 0059168 A1 20001005 - UNIV BRISTOL [GB], et al  
• See references of WO 2008018736A1

Designated contracting state (EPC)  
FR

DOCDB simple family (publication)  
**WO 2008018736 A1 20080214**; CN 101502068 A 20090805; CN 101502068 B 20120530; EP 2050241 A1 20090422; EP 2050241 A4 20170913; KR 101393428 B1 20140627; KR 20090038001 A 20090417

DOCDB simple family (application)  
**KR 2007003788 W 20070807**; CN 200780029346 A 20070807; EP 07793400 A 20070807; KR 20097000187 A 20070807