

Title (en)
T-MMB receiver compatible with DAB

Title (de)
DAB-kompatibler T-MMB-Empfänger

Title (fr)
Récepteur T-MMB compatible avec DAB

Publication
EP 1841107 A3 20111123 (EN)

Application
EP 07104786 A 20070323

Priority
• CN 200610066229 A 20060330
• CN 200610145766 A 20061121

Abstract (en)
[origin: EP1841107A2] The invention discloses a Terrestrial Mobile Multimedia Broadcasting T-MMB receiver compatible with Digital Audio Broadcasting DAB, wherein the receiver comprises a RF demodulation unit, a synchronization unit, an Orthogonal Frequency Division Multiplexing OFDM demodulation unit and a channel demodulation and decoding unit. The invention utilizes the ideal base band model and the synchronization position of the T-MMB system and characteristics of the T-MMB channel to identify a transmission mode of the received signal; and RF demodulate, OFDM demodulate and channel decode the received signal. Moreover, in the OFDM demodulation process, the control information in the FIC can be obtained, and the data can be demodulated according to the obtained control information, to thereby implement the T-MMB receiver compatible with the DAB system which improves the reliability of the multimedia broadcast service.

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IPC 8 full level
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IPC 8 main group level
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H04H 40/18 (2013.01); **H04H 40/27** (2013.01); **H04H 20/72** (2013.01); **H04H 20/86** (2013.01)

Citation (search report)
• [X] EP 0944194 A2 19990922 - KENWOOD CORP [JP]
• [A] EP 1587227 A2 20051019 - LG ELECTRONICS INC [KR]

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AL BA HR MK RS

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