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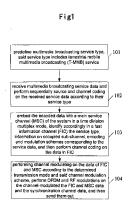
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(54) DAB-compatible transmitting and receiving method and system for terrestrial mobile multimedia broadcasting

(57)The present invention discloses a DAB-compatible transmitting method for terrestrial mobile multimedia broadcasting in which service type of multimedia broadcasting is predefined to be including terrestrial mobile multimedia broadcasting (T-MMB) service, the method comprises the steps of receiving multimedia broadcasting service data and performing sequentially source coding and channel coding on said service data according to their service type; embedding the encoded data into the main service channel (MSC) of the system in a time division multiplex mode, identifying accordingly information on subchannel, etc. corresponding to the service data in the fast information channel (FIC) of the system, and performing channel coding on the data in FIC; performing channel modulation, OFDM modulation and radio frequency (RF) modulation on the channel-modulated data of FIC, MSC according to the transmission mode and the channel modulation scheme, and then sending them out. With the invention, it is possible to effectively transmit multiple types of multimedia broadcasting service data in a mobile environment. The invention also discloses a DAB-compatible system and reception method for terrestrial mobile multimedia broadcasting.





EUROPEAN SEARCH REPORT

Application Number EP 07 10 4721

Category	Citation of document with ir of relevant pass	ndication, where appropriate, ages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
Х	"Radio Broadcasting Broadcasting (DAB) fixed receivers Eur Union Union Europée EBUÜER; Final draft ETSI STANDARDS, LISCEDEX, FRANCE, vol. BC, no. V1.4.1	Systems; Digital Audio to mobile, portable and copean Broadcasting enne de Radio-Télévision ETSI EN 300 401", S, SOPHIA ANTIPOLIS		INV. H04H1/00
Y	* figures 1,78 * * page 21, lines 9- * chapter 4.10, 5	12 * .3.5, 6.2, 6.2.1, .11, 11.2, 14.1 *	1,13,15	
Y	Specification Europe nion U nion E urope adio-Télévision EB 2. AVC MEETING; 23- PARIS; (CCITT SGXV VIDEO CODING), LIS, CEDEX, FRANCE, vol. BC, no. V2.2.1	UÜER; ETSI ES 201 980", 05-1991 - 31-05-1991; EXPERTGROUP FOR ATM SOPHIA ANTIPOLIS	1,13,15	TECHNICAL FIELDS SEARCHED (IPC) H04H H04N
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	The present search report has l	•		
Place of search		Date of completion of the search	Examiner Loves av Vladimin	
	The Hague	28 September 2011		vescu, Vladimir
X : parti Y : parti docu A : tech O : non	ATEGORY OF CITED DOCUMENTS icularly relevant if taken alone cularly relevant if combined with anotiment of the same category nological background written disclosure mediate document	L : document cited for	ument, but publice the application rother reasons	shed on, or



EUROPEAN SEARCH REPORT

Application Number EP 07 10 4721

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A	"Digital Audio Broadcas Guidelines and rules fo and operation; Part 1: ETSI TR 101 496-1", 2. AVC MEETING; 23-05-1 PARIS; (CCITT SGXV EXP VIDEO CODING), LIS, SOP CEDEX, FRANCE, vol. BC, no. V1.1.1, 1 November 2000 (2000-1 ISSN: 0000-0001 * chapter 4.3.1 * * figure 4.3.2 *	r implementation System outline; 991 - 31-05-1991; ERTGROUP FOR ATM HIA ANTIPOLIS	18,19	TECHNICAL FIELDS SEARCHED (IPC)
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	Place of search	Date of completion of the search		Examiner
The Hague		28 September 2011	l lovescu, Vladimir	
X : parti Y : parti docu A : tech	ATEGORY OF CITED DOCUMENTS icularly relevant if taken alone icularly relevant if combined with another iment of the same category inological background written disclosure rmediate document	T : theory or principle u E : earlier patent docun after the filing date D : document cited in tt L : document oited for c & : member of the sam	nent, but publis ne application other reasons	hed on, or