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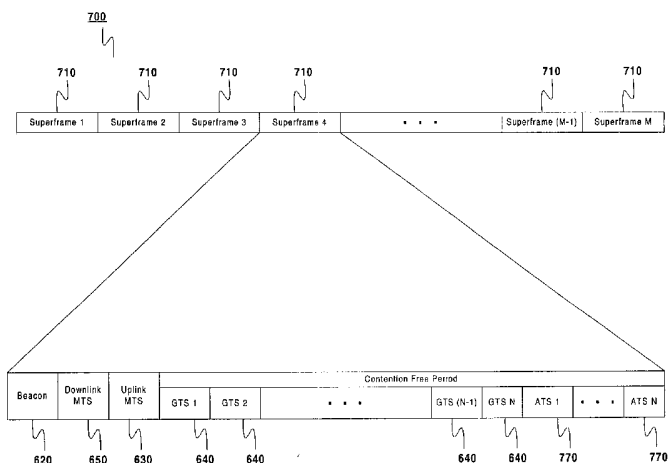
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(54) Title: METHOD FOR TRANSMISSION OF ISOCHRONOUS AND ASYNCHRONOUS DATA IN A RADIO NETWORK



(57) Abstract: A method is provided for transmitting ultrawide bandwidth signals in a network comprising a network coordinator and one or more remote devices. The available transmission time is divided into a plurality of superframes, each of which is further divided up into a beacon duration, one or more management time slots, one or more guaranteed time slots, and one or more asynchronous time slots. Each of the management time slots, guaranteed time slots, and asynchronous time slots are assigned to one of the one or more remote devices. The network coordinator sends a beacon to the one or more remote devices during the beacon duration. The device or coordinator assigned to the current guaranteed time slot sends frames of isochronous data in the current guaranteed time slot. The device or coordinator assigned to the current asynchronous time slot sends frames of asynchronous data in the current asynchronous time slot.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04L12/28

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04L H04B H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	R. PRASAD, W. MOHR, W. KONHÄUSER: "Third Generation Mobile Communication Systems" 2000, ARTECH HOUSE, BOSTON, LONDON XP002246167	1-4,6,7
Y	page 76 -page 80	8
A	---	5
X	EP 0 924 896 A (SYMBIONICS LTD ;HEWLETT PACKARD CO (US)) 23 June 1999 (1999-06-23)	1-3,6
Y	page 1 -page 8; figures 3,4	8
A	---	5
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 011 784 A (BROWN DAVID L ET AL) 4 January 2000 (2000-01-04) abstract; figure 1 column 4, line 10 - line 36 column 7, line 22 -column 8, line 56; figure 4 column 11, line 13 - line 23 ----	1-8
A	"3GPP TS 25.211 V3.7.0 (2001-06) 3RD GENERATION PARTNERSHIP PROJECT TECHNICAL SPECIFICATION GROUP RADIO ACCESS NETWORK PHYSICAL CHANNELS AND MAPPING OF TRANSPORT CHANNELS ONTO PHYSICAL CHANNELS (FDD)" 3GPP TS 25.211 V3.7.0, XX, XX, vol. 3.7.0, June 2001 (2001-06), pages 1-45, XP002902457 page 8 -page 18 ----	1-8
A	MOULY M ET AL: "THE RADIO INTERFACE" , GSM SYSTEM FOR MOBILE COMMUNICATIONS, LASSAY-LES-CHATEAUX, EUROPE MEDIA, FR, PAGE(S) 186-259 XP000860004 page 195 -page 216 -----	1-8

INTERNATIONAL SEARCH REPORT

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Inter

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US 6011784	A	04-01-2000	NONE	