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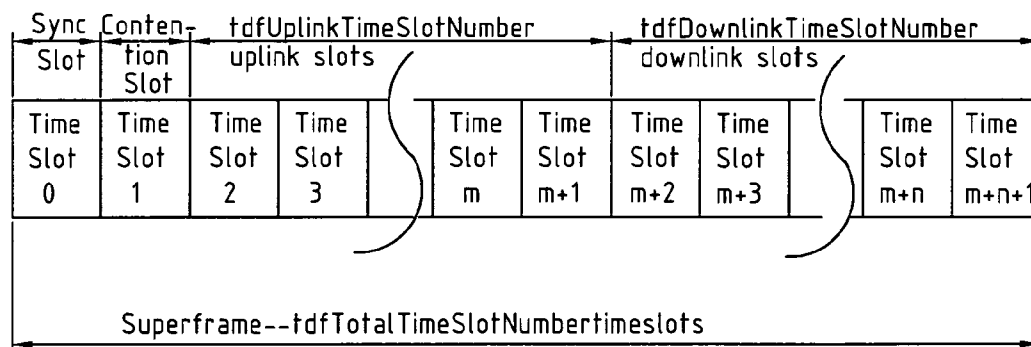
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(54) Title: MEDIUM ACCESS CONTROL METHOD FOR DATA TRANSMISSION THROUGH CATV ACCESS NETWORK



(57) Abstract: The present invention relates to a medium access control method for data communication through CATV access network over coaxial cable, wherein the method comprises transmitting downstream data frames from a central device to network terminals in downstream time slots of super frames and receiving upstream data frames from said network terminals to said central device in upstream time slots of the super frames over a same carrier frequency, said super frame being divided into multiple time slots comprising at least one downstream time slot intended for transmitting data frames, and one or more upstream time slots which are assigned respectively by said central device to said network terminals for transmitting upstream data frames, each one upstream time slot being allocable to one network terminal. Advantageously, the data is transmitted through a CATV access network over coaxial cable by using this access control method with guaranteed QoS.



WO 2007/116064 A3

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

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H04B3/54

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
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C. DOCUMENTS CONSIDERED TO BE RELEVANT

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X	US 5 363 370 A (ABIVEN JACQUES [FR]) 8 November 1994 (1994-11-08) column 5, line 46 - column 8, line 27 -----	1-18
A	WO 02/13442 A2 (INTELLON CORP [US]; YONGE LAWRENCE W III [US]; MARKWALTER BRIAN E [US]) 14 February 2002 (2002-02-14) page 8, line 13 - page 9, line 10; figure 1 -----	1,10
A	US 2004/163120 A1 (RABENKO THEODORE F [US] ET AL RABENKO THEODORE F [US] ET AL) 19 August 2004 (2004-08-19) paragraphs [0053] - [0067] paragraph [0101]; figure 10 ----- -/--	1,10

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