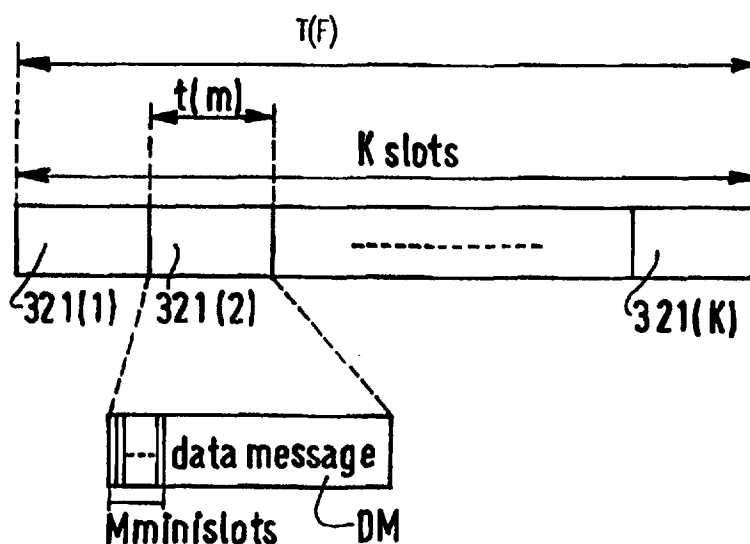




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(54) Title: TRANSMISSION CONTROL METHOD BETWEEN A PLURALITY OF STATIONS

**(57) Abstract**

This invention relates to a communication protocol between stations, in which the communication upstream channel comprises successive frames consisting of K message slots $321(1)$ to $321(K)$ each of which includes a data part (DM), for the transmission of a message, and M minislots, for the transmission of slot reservation signals. According to the invention, in case of unsuccessful message transmission and collision between corresponding transmission requests, the reservation signals corresponding to the retransmission requests take place in any one of the $K \times M$ minislots of each frame. Application: VSAT networks.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/IB 97/00835

A. CLASSIFICATION OF SUBJECT MATTER

IPC6: H04L 12/56

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

B. FIELDS SEARCHED

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IPC6: H04L

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

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

WPIL, EDOC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5303234 A (YUKARI KOU), 12 April 1994 (12.04.94), column 2, line 45 - column 3, line 18; column 5, line 25 - column 8, line 3, figures 2,8, 10, claims 1-14	1
Y	--	2-3
Y	US 5278833 A (KENNETH J. CRISLER ET AL), 11 January 1994 (11.01.94), column 4, line 64 - column 7, line 29, claims 1-10	2-3
A	WO 9002455 A1 (SCIENTIFIC ATLANTA), 8 March 1990 (08.03.90), see the whole document	1-3
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Date of the actual completion of the international search

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Name and mailing address of the ISA/
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Box 5055, S-102 42 STOCKHOLM
Facsimile No. +46 8 666 02 86

Authorized officer

Friedrich Kühn
Telephone No. +46 8 782 25 00

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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.
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A	US 4641304 A (DIPANKAR RAYCHAUDHURI), 3 February 1987 (03.02.87), see the whole document --	1-3
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INTERNATIONAL SEARCH REPORT

Information on patent family members

07/01/98

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