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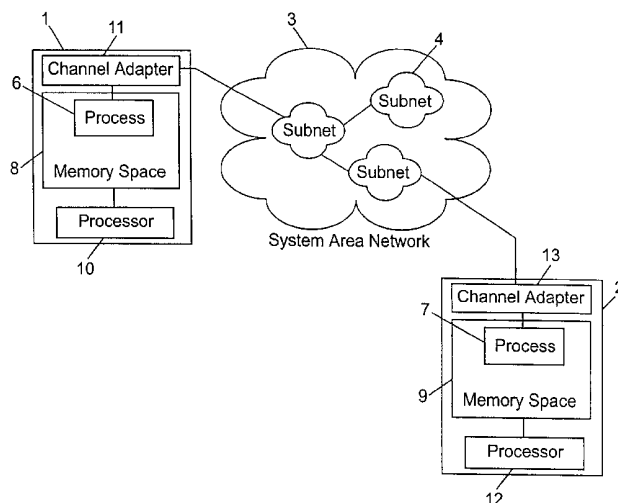
- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for all designations
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations

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[Continued on next page]

(54) Title: MECHANISM FOR COMPLETING MESSAGES IN MEMORY



(57) Abstract: A method for transmitting messages between two processes (6,7) includes creating a communications channel between a first channel adapter (11) coupled to a client process (6) and a second channel adapter (13) coupled to a remote process (7). The method further includes reading a request message at the first channel adapter (11), segmenting the request message into a series of packets, assigning a sequence number to each packet, and transmitting the packets in order to the second channel adapter (13) through the communications channel. The method further includes receiving the packets at the second channel adapter (13) and sending at least one acknowledgement message to the first channel adapter (11) in response to the received packets. The acknowledgement message has a packet sequence number field containing a packet sequence number and a payload containing a message sequence number, wherein the message sequence number identifies a complete message last received at the second channel adapter (13) and the packet sequence number identifies a packet last received at the second channel adapter (13).



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— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

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 H04L1/16

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 G06F

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, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 969 622 A (MICROSOFT CORP) 5 January 2000 (2000-01-05) paragraphs '0044!-'0049! -----	1, 2, 4

Further documents are listed in the continuation of box C. Patent family members are listed in annex.

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Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Dupuis, H
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Patent document cited in search report	Publication date	Patent family member(s)	Publication date	
EP 0969622	A	05-01-2000	US 6112323 A	29-08-2000
			EP 0969622 A2	05-01-2000
