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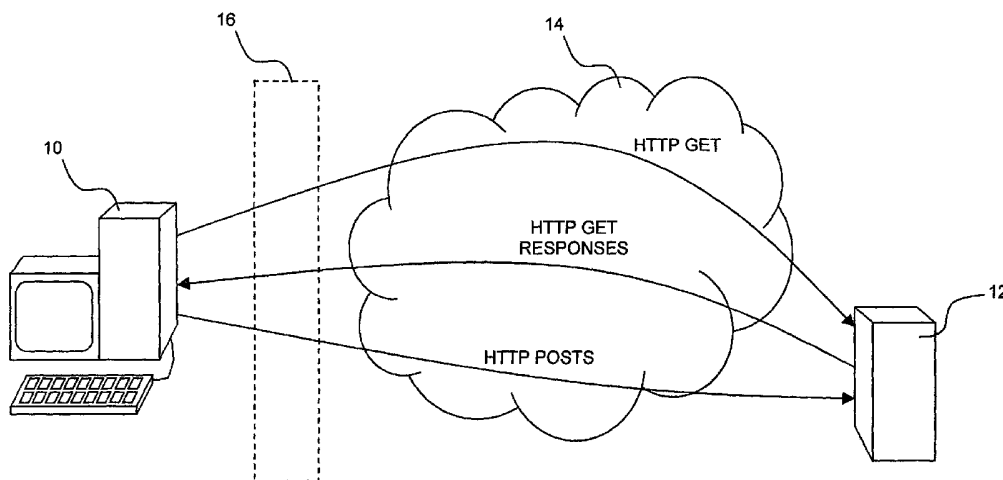
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(54) Title: ASYNCHRONOUS FULL-DUPLEX REQUEST/RESPONSE PROTOCOL



(57) Abstract: A method for establishing an asynchronous, full-duplex communications channel between a client and a server, the method including a) transmitting an information request from the client to the server, thereby forming a communications channel between the client and the server, the information request including an identifier identifying the channel b) asynchronously transmitting a plurality of server-to-client messages as responses to the information request, each of the responses including the identifier and c) asynchronously transmitting a plurality of client-to-server messages, each of the responses including the identifier.

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INTERNATIONAL SEARCH REPORT

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| <b>A. CLASSIFICATION OF SUBJECT MATTER</b><br>IPC 7 H04L29/06  |  |  |
|--|--|--|
| According to International Patent Classification (IPC) or to both national classification and IPC  |  |  |
| <b>B. FIELDS SEARCHED</b>  |  |  |
| Minimum documentation searched (classification system followed by classification symbols)<br>IPC 7 H04L  |  |  |
| 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)<br>EPO-Internal, WPI Data, PAJ  |  |  |
| <b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>  |  |  |
| Category °   | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No.  |
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| <input checked="" type="checkbox"/> Further documents are listed in the continuation of box C.   |  |  |
| <input checked="" type="checkbox"/> Patent family members are listed in annex.   |  |  |
| ° Special categories of cited documents :  |  |  |
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| Date of the actual completion of the international search<br><br>19 July 2002  |  | Date of mailing of the international search report<br><br>26/07/2002 |
| Name and mailing address of the ISA<br>European Patent Office, P.B. 5818 Patentlaan 2<br>NL - 2280 HV Rijswijk<br>Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,<br>Fax: (+31-70) 340-3016   |  | Authorized officer<br><br>Stergiou, C                                |

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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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# INTERNATIONAL SEARCH REPORT

Information on patent family members

In International Application No

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| Patent document cited in search report |   | Publication date | Patent family member(s) | Publication date |
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