Title: COMMUNICATION SERVICE ARCHITECTURES FOR NETCENTRIC COMPUTING SYSTEMS

Abstract: A communication services architecture for a netcentric computing system is disclosed by the present invention. The communication services architecture includes a communication services layer that includes messaging services, specialized messaging services, communication security services, virtual resource services and directory services. In addition, the communication services architecture includes a transport services layer that includes message transport services, packet forwarding/Internetworking services, circuit switching services, transport security services, network address allocation services and quality of service services. A network media services layer is provided that includes media access services and physical media services.
For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04L29/06

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

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, IBM-TDB, INSPEC, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
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</table>

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. 5816 Patentlaan 2 NL - 2280 HV Rijswijk
Tel: (+31-70) 340-2040, Tx 31 651 epo nl
Fax: (+31-70) 340-3016

Authorized officer:

Eraso Helguera, J