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(54) Title: NETWORK INTERFACE TECHNIQUES

(57) Abstract: Techniques are described that can be used to implement a network interface. A network interface may be communicatively coupled to a general purpose core or hardware thread. Various operations can be assigned to be performed by the general purpose core, thereby at least to provide flexible operation of the network interface. The general purpose core may be capable to issue interprocessor interrupts by executing one or more interrupt service routines. The other cores or hardware threads may be capable to process network protocol units received by the network interface.
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INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER

G06F 13/38(2006.01)i, H04L 12/28(2006.01)1

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

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 8  G06F 13/38

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

Korean Utility models and applications for Utility models since 1975

Japanese Utility models and application for Utility models since 1975

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

eKIPASS(KIPO internal) "network" "interface" "memory"

C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
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<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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Further documents are listed in the continuation of Box C

See patent family annex

* Special categories of cited documents

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