(54) Title: SYSTEM AND METHOD FOR PARALLEL CONVERSION, COMPILATION, AND DISTRIBUTION OF CONTENT

- RECEIVE REQUEST 410
- PREPARE CONTENT FOR CONVERSION 414
- CONVERT CONTENT (format specific) 416
- DISTRIBUTE CONTENT 420

[Diagram of the system and method]

- LOG REQUEST 412
- COMPILE CONTENT 418

(57) Abstract: Systems and methods for parallel conversion, compilation, and distribution of content are disclosed. An application interface may be provided that enables a user to request the conversion of content items into formats well suited for presentation. The request may include a set of deliverables. Each deliverable may include an associated content item and a corresponding associated format to which to convert the associated content item. The request may be processed by a "pipeline" application. The pipeline application calls existing applications or proprietary applications associated with upon a delivery channel, and the pipeline application may customize the content items for conversion to the corresponding formats. The pipeline application may convert the associated content items using a plurality of parallel processing threads, each thread corresponding to an associated deliverable, whereby each thread converts the associated content item to the corresponding associated format. The pipeline application may compile the converted content, and distribute the compiled content to selected presentation devices.
(88) Date of publication of the international search report:
27 July 2006

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) : G06F 15/16
US CL. : 709/200

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)

U.S. : 709/200, 709/246

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 practicable, search terms used)

Please See Continuation Sheet

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>
</tr>
</thead>
</table>

☐ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

* Special categories of cited documents:
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Date of the actual completion of the international search

14 November 2005 (14.11.2005)

Date of mailing of the international search report

26 APR 2006

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Form PCT/ISA/210 (second sheet) (April 2005)
Continuation of B. FIELDS SEARCHED Item 3:
EAST, IEEE Xplore
Search terms: parallel process thread convert transcode