(54) Title: METHOD SYSTEM AND COMPUTER PROGRAM PRODUCT FOR DYNAMIC CONSTRUCTION OF PACKAGES AND OPTIMAL ASSIGNMENT

(57) Abstract: A method, system and computer program product for providing information relating to a plurality of packages of components, such as travel components, are provided. Typically, a plurality of candidate packages are dynamically generated in response to and in compliance with a request, such as from a consumer. To increase the options from which a consumer selects, the candidate packages that are selected, such as for display to a customer, may be evaluated based upon a diversity criteria relating to the variety of components included within the candidate packages that have been selected. Several different subsets of the candidate packages may be selected based upon an evaluation of the candidate packages in accordance with different respective value measures, such as price, relationship to request and upgrade status.
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,
SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM,
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Published:
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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 17/60
US CL : 705/005

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. : 705/005, 001, 006

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)

USPAT, US-POPUB, EPO, JPO, DERWENT

C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
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<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
</tr>
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<tbody>
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<td>X1</td>
<td>US 2003/0036930 A1 (MATOS et al.) 20 February 2003 (20.02.2003), see entire document</td>
<td>1-33</td>
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Further documents are listed in the continuation of Box C. See patent family annex.

Date of the actual completion of the international search

30 July 2004 (30.07.2004)

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Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
Facsimile No. (703) 305-3230

Authorized officer

Rudolph Reese
Telephone No. 703-308-1113

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