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(54) Title: SYSTEM AND METHOD FOR STORING ITEM ATTRIBUTES IN AN ELECTRONIC CATALOG

TREE	LEVEL	ATTRIBUTE	IS KEY	
Corp Part Num Tree	Level 1	Corp Part Num	Yes	
		Corp Part Num Desc		
Supplier Info Tree	Level 1	Sup Name	Yes	
		Sup Part Num	Yes	
	Level 2	Location	Yes	
		Price		

(57) Abstract: An electronic catalog is provided that stores items and attributes associated with the items. One or more of the attributes may have more than one value. Items are stored in an item table with different attributes for items stored in different rows in an attribute table. Additional items may be added to a catalog by adding additional rows to the item table, with attributes related to the additional items added as rows into the attribute table. Particular attributes may have multiple values, and attributes with multiple values are associated with sub-items that correspond to different attribute trees or attribute sets associated with the item. Searching can be performed for attribute values and search results returned indicating all items and sub-items that satisfy the search criteria.

WO 2007/056207 A3 III

INTERNATIONAL SEARCH REPORT

International application No. PCT/US 06/43079

A GLASSIFICATION OF SUBJECT MATTER						
A. CLASSIFICATION OF SUBJECT MATTER IPC(8): G06F 17/30 USPC: 707/104.1						
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) USPC: 707/104.1						
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched						
Electronic da	ta base consulted during the international search (name of	f data base and, where practicable, search ter	ms used)			
PGPB, USPT, EPAB, JPAB Search Terms: table, database, attribute, value, property, Catalog, product, item, subitem, assembly, subassembly, and module.						
C. DOCUMENTS CONSIDERED TO BE RELEVANT						
Category*	Citation of document, with indication, where ap	Relevant to claim No.				
Х		1-5, 13-19 and 25-28				
US 6,014,639 A (FOHN et al.) 11 January 2000 (11.0		1.2000) column 2, lines 2-62.	6-12 and 20-24			
Y .			5 .L d5 L .			
Y	US 2003/0055834 A1 (HANSEN et al.) 20 March 2003 [0028]-[0042] on pages 3 and 4.	6-12 and 20-24				
	L					
Further documents are listed in the continuation of Box C.						
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "I" later document published after the international filing date and not in conflict with the application but cited the principle or theory underlying the invention						
"E" earlier application or patent but published on or after the international filing date		"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive				
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)		"Y" document of particular relevance; the considered to involve an inventive s	claimed invention cannot be			
"O" document referring to an oral disclosure, use, exhibition or other means		combined with one or more other such obeing obvious to a person skilled in the	locuments, such combination			
"P" document published prior to the international filing date but later than the priority date claimed		"&" document member of the same patent family				
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