

Title (en)
SYSTEM AND METHOD FOR THE PURCHASE OF SPARE PARTS

Title (de)
SYSTEM UND VERFAHREN FÜR DEN KAUF VON ERSATZTEILEN

Title (fr)
SYSTEME ET PROCEDE D'ACHAT DE PIECES DETACHEES

Publication
EP 1390884 A2 20040225 (EN)

Application
EP 01935480 A 20010515

Priority

- US 0115534 W 20010515
- US 20471100 P 20000516
- US 61556300 A 20000713

Abstract (en)
[origin: WO0188814A2] A system and method of using computer-aided design (CAD) and product images to visually orient a buyer with a particular piece of equipment. Engineering diagrams are stored in a database, retrieved to a server and displayed at a buyer's workstation. Using CAD, every component of a piece of equipment is identified and can be selected with a pointing means. By selecting a part in a diagram, a buyer obtains further information on that part in order to allow ordering of the part to take place. Layering representations in a CAD database allow the buyer to proceed through the database in increasing detail until a specific part is identified and isolated. Layers are cross-linked in the database to ordering information. Products and information a buyer may need in conjunction with the requested spare part are also presented to the buyer. When the buyer identifies a spare part to be ordered, select the part retrieves detailed ordering information including pricing. The buyer subsequently clicks on an "order" button to order the desired spare part. The system builds a database of spare parts that have been ordered. The database is indexed by other variables including the organization ordering, and the equipment to which the spare part belongs. Data mining can take place to assist in stocking the spare parts that are most likely to fail and to provide additional information to the designers of the scientific equipment regarding how to improve the quality of that equipment. Whether related parts will also be needed can be presented to the buyer.

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G06F 17/60

IPC 8 full level
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