Title (en)
ENHANCED MONITORING OF INDUSTRIAL PROJECT PROVISIONING

Title (de)
VERBESSERTE VERSORGUNGSKONTROLLE FÜR INDUSTRIEPROJEKTE

Title (fr)
SUIVI PERFECTIONNE D'APPROVISIONNEMENT POUR PROJETS INDUSTRIELS

Publication
EP 1438687 A2 20040721 (FR)

Application
EP 02783165 A 20020916

Priority
• FR 0203153 W 20020916
• FR 0111999 A 20010917

Abstract (en)
[origin: FR2829850A1] A table is set up for each product over a series of time periods starting at a set time. From the start time to the end of the specific period, the table gives a first quantity of site requirements and a second quantity of stock and orders with the orders offset by a delay. A risk of supply line rupture and/or a need to start supply is identified when the second quantity falls below the first Each project (Pi) on a client site is associated with a dated list of product requirements (Ii, ti) at the same time holding a list of stocks (Sj, tj) and orders (Ak, tk) for these products. In addition the quantities are recalculated for a different time origin to define a moment where the first and second quantities are equal. These calculations are reiterated in the presence of determined events such as modification of the client project date, modification of a client use date, modification of a supply delay time from the supplier, modification of the quantities required, passage of an order from the client to the supplier, confirmation of an order, reservation of product in stock and/or delivery of a product. The check on when the second quantity falls below the first includes taking into consideration an order at the latest on the start date of the project, increased by an availability delay and reduced by a supply delay. The requirements, stock and purchases are classed by product and by date of effect. The requirements for each product are accumulated for each time period to form the first table and the stocks and deliveries foreseen for each product to form the second table. Independent claims are included for the following: (i) a computer system containing this information, specifically the two tables and means of comparing them as described above; and (ii) a computer program, possibly written using object-based programming, to carry out the above process, including object classes of item, stock, purchases, table element (containing a quantity and time) and project.

IPC 1-7
G06F 17/60

IPC 8 full level
B65G 61/00 (2006.01); **G06Q 10/00** (2012.01)

CPC (source: EP US)
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