Title (en)
METHOD AND SYSTEM FOR CONTROLLING PROCESSES

Title (de)
VERFAHREN UND SYSTEM ZUM KONTROLLIEREN VON PROZESSEN

Title (fr)
PROCEDE ET SYSTEME DE REGULATION DE PROCEDES

Publication
EP 1055186 A1 20001129 (EN)

Application
EP 99911511 A 19990222

Priority
- AU 9900098 W 19990222
- US 2710198 A 19980220
- US 2709898 A 19980220

Abstract (en)
[origin: WO9942939A1] A method and computer system for controlling an industrial process are disclosed. The industrial process has problems which adversely affect its performance. A personal computer is programmed with a database and a custom application. The database contains data describing the attributes and performance of the process to be controlled. The custom application calculates the financial value of each of the problems. The calculation of the financial value of each problem can take into account market conditions which affect the amount of product which could be sold if made, the marginal profitability of the product, how much optimum process time each problem takes up and the cost and quantity of raw materials wasted due to the problem. The calculation of the financial value of each problem can take into account the impact of each problem on the process bottleneck. The financial values of the problems are used to prioritise the problems, allowing them to be remedied in accordance with their priority.

IPC 1-7
G06F 17/60

IPC 8 full level
G05B 19/418 (2006.01); **G06Q 10/00** (2006.01); **G06Q 50/00** (2006.01)

CPC (source: EP KR)
G06Q 10/04 (2013.01 - EP); **G06Q 10/06** (2013.01 - EP); **G06Q 50/06** (2013.01 - KR); Y02P 80/40 (2015.11 - EP)

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 9942939 A1 19990826; AU 3018199 A 19990906; AU 724154 B2 20000914; CA 2321283 A1 19990826; CN 1291312 A 20010411; EP 1055186 A1 20001129; EP 1055186 A4 20011107; GB 2337835 A 19991201; GB 2337835 B 20000719; GB 9917270 D0 19990922; JP 2002504726 A 20020212; KR 20010041058 A 20010515

DOCDB simple family (application)
AU 9900098 W 19990222; AU 3018199 A 19990222; CA 2321283 A 19990222; CN 99803098 A 19990222; EP 99911511 A 19990222; GB 9917270 A 19990222; JP 2000532804 A 19990222; KR 20007009095 A 20000818