Title (en)
MANAGING PRODUCTION AND OPERATIONS USING READ/WRITE RFID TAGS

Title (de)
VERWALTUNG VON PRODUCTION UND TÄTIGKEITEN MIT BESCHREIBBAREN RFID-FUNKETIKETTEN

Title (fr)
GESTION DE PRODUCTION ET D'OPERATIONS A L'AIDE D'ETIQUETTES D'IDENTIFICATION RADIOFREQUENCE (RFID) DE LECTURE/ ECRITURE

Publication
EP 1181661 A4 20020417 (EN)

Application
EP 00910010 A 20000128

Priority
• US 0002205 W 20000128
• US 24039799 A 19990129

Abstract (en)
[origin: WO0045324A2] A method for production and operations management comprises the steps of: associating a read/write RFID tag with a product to be processed; subjecting the product to at least one process; and, writing information to the associated tag relating to the at least one process, whereby application of the at least one process to the product can be confirmed by reading the information from the associated tag. The method can further comprise the steps of: subjecting the product to a further process; reading from the associated tag the information relating to the at least one process; modifying the further process in accordance with the read information; and, writing further information to the associated tag related to the further process. The processes can include, for example, at least one of a manufacturing process, an inspection process, a shipping process, a warehousing process and a retailing process.

IPC 1-7
G06K 1/00; G06F 17/60

IPC 8 full level
G05B 19/418 (2006.01); B65G 61/00 (2006.01); G06K 17/00 (2006.01); G06Q 10/00 (2012.01); H04B 7/26 (2006.01)

CPC (source: EP)
G06K 17/00 (2013.01); G06Q 10/06 (2013.01); Y02P 90/02 (2015.11)

Citation (search report)
• [Y] US 5478990 A 19951226 - MONTANARI DANNY J [US], et al
• [Y] US 5583819 A 19961210 - ROESNER BRUCE B [US], et al
• See references of WO 0045324A2

Cited by
CN107783515A; CN107783516A

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 0045324 A2 20000803; WO 0045324 A3 20001214; AR 022299 A1 20020904; AU 3217500 A 20000818; AU 748082 B2 20020530; BR 0007580 A 20011009; CA 2359430 A1 20000803; CA 2359430 C 20071106; EP 1181661 A2 20020227; EP 1181661 A4 20020417; HK 1046051 A1 20021220; JP 2002536726 A 20021029

DOCDB simple family (application)
US 0002205 W 20000128; AR P000100192 A 20000117; AU 3217500 A 20000128; BR 0007580 A 20000128; CA 2359430 A 20000128; EP 00910010 A 20000128; HK 02106229 A 20020823; JP 2000596512 A 20000128