

Title (en)

METHOD AND DEVICE FOR CALCULATING QUALITY CAPABILITY CHARACTERISTICS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR BERECHNUNG VON QUALITÄTSFÄHIGKEITSKENNGRÖSSEN

Title (fr)

PROCEDE ET DISPOSITIF DE CALCUL DE GRANDEURS D'APTITUDE DE QUALITE

Publication

EP 1390815 A2 20040225 (DE)

Application

EP 02747301 A 20020504

Priority

- DE 10122318 A 20010508
- EP 0204916 W 20020504

Abstract (en)

[origin: WO02091087A2] The invention relates to a method for the automated calculation of quality capability characteristics for evaluating a production process, using measured value data. The method uses a digital processing system and comprises the following steps: preparation of the measured value data; electronic selection of a relevant temporal distribution model from several given temporal distribution models, whereby at least one temporal distribution model describes a mean value of the measured values that alters over time or a spread of the measured values; electronic calculation of the quality capability characteristics as a function of estimated values for characteristics of the selected temporal distribution model, said values being determined by statistical methods; display of the quality capability characteristics.

IPC 1-7

G05B 1/00

IPC 8 full level

G05B 19/418 (2006.01); **G07C 3/14** (2006.01)

CPC (source: EP)

G05B 19/41875 (2013.01); **G07C 3/146** (2013.01); **G05B 2219/32181** (2013.01); **G05B 2219/32187** (2013.01); **G05B 2219/32201** (2013.01); **Y02P 90/02** (2015.11)

Citation (search report)

See references of WO 02091087A2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 02091087 A2 20021114; **WO 02091087 A3 20030109**; AU 2002317742 A1 20021118; DE 10122318 A1 20021121; DE 10122318 B4 20060105; EP 1390815 A2 20040225

DOCDB simple family (application)

EP 0204916 W 20020504; AU 2002317742 A 20020504; DE 10122318 A 20010508; EP 02747301 A 20020504