

Title (en)

METHOD AND DEVICE FOR COMPENSATING FOR POSITIONAL AND SHAPE DEVIATIONS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM KOMPENSIEREN VON LAGE- UND FORMABWEICHUNGEN

Title (fr)

PROCEDE ET DISPOSITIF POUR COMPENSER DES ECARTS DE POSITION ET DE FORME

Publication

EP 1938162 A1 20080702 (DE)

Application

EP 06805438 A 20061017

Priority

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Abstract (en)

[origin: WO2007045223A1] A method for compensation for positional and shape deviations in NC-controlled cutting production machines, comprises the following steps: a) cutting a new workpiece, b) machining the workpiece with the nominal data from the NC-programme, c) recording the set deviation, d) optimising the NC-programme with the recorded data, e) repetition of the iterative steps a) to d) until the required positional and/or shape tolerances are achieved. The invention further relates to an NC-controlled cutting production machine with a device for compensation of positional and/or shape deviations in workpieces. The above avoids the conventional problems and provides an economical solution with reduced production costs.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2007045223A1

Citation (examination)

- WO 2004071717 A1 20040826 - ABB AB [SE], et al
- US 6256546 B1 20010703 - GRAHAM MICHAEL EVANS [US], et al
- DE 3620422 C1 19880114 - GILDEMEISTER AG

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