

Title (en)

Machine and method for improving the precision of a non-linear movement of a machine element

Title (de)

Maschine und Verfahren zur Verbesserung der Genauigkeit einer nicht linearen Bewegung eines Maschinenelements

Title (fr)

Machine et procédé d'amélioration de la précision d'un mouvement non linéaire d'un élément de machine

Publication

EP 2687359 B1 20160629 (DE)

Application

EP 12176812 A 20120718

Priority

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Abstract (en)

[origin: EP2687359A1] The machine has a motor (1) to drive an eccentric cam element (2) into rotating movement of a certain rotation direction. The eccentric cam element is coupled with propelled mechanical component (3) whose motion along traveling direction is periodically changed. The propelled mechanical component is coupled with a linear motor (5A). A sense element (8) is provided to detect position of propelled mechanical component. An independent claim is included for a method for enhancing precision of non-linear movement of propelled mechanical component.

IPC 8 full level

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CPC (source: EP)

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Cited by

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