

Title (en)

METHOD FOR CONTROLLING THE ARMATURE MOVEMENT OF SWITCHING MAGNETS

Publication

EP 0408963 A3 19911127 (DE)

Application

EP 90112572 A 19900702

Priority

DE 3923477 A 19890715

Abstract (en)

[origin: EP0408963A2] In a method for controlling the armature movement of a switching magnet, in particular of electromagnets for actuators of internal-combustion engines, it is intended to reduce considerably the energy and material consumption. This is achieved in that the coil current of the electromagnet is linearly regulated before the expected impact of the magnetic armature on the pole surface. The impact of the magnetic armature on the pole surface of the electromagnet preferably occurs in this case during the linear regulation. <IMAGE>

IPC 1-7

H01F 7/18

IPC 8 full level

F01L 9/20 (2021.01); **H01F 7/18** (2006.01)

CPC (source: EP)

F01L 9/20 (2021.01); **H01F 7/1844** (2013.01)

Citation (search report)

- [A] EP 0229880 A1 19870729 - MEYER HANS WILHELM
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