

Title (en)  
Electromagnetic actuator arrangement.

Title (de)  
Elektromagnetische Betätigungsanordnung.

Title (fr)  
Arrangement d'un actionneur électromagnétique.

Publication  
**EP 0403216 A2 19901219 (EN)**

Application  
**EP 90306372 A 19900612**

Priority  
GB 8913633 A 19890614

Abstract (en)  
An electromagnetic actuator arrangement comprising a switch (SW1) biased open by a biasing spring (SP) and operated by a yoke (Y1) which attracts an armature (AR1) when its winding (L1) is energised is provided with means (C1, SCR1) for instantaneously reversing the magnetising force acting on the armature when the winding (L1) is de-energised. As a result, the residual magnetism in the armature (AR1) is opposed by the reversed magnetic field from the winding (L1) and the tendency of the armature to stick to the yoke is avoided. Consequently the release time is reduced.

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IPC 8 full level  
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CPC (source: EP)  
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