

Title (en)
Electromagnet with movable brake component

Title (de)
Elektromagnet mit beweglichem Bremskörper

Title (fr)
Electro-aimant avec organe de freinage mobile

Publication
EP 0774763 B1 20020130 (DE)

Application
EP 96118330 A 19961115

Priority
DE 19543141 A 19951118

Abstract (en)
[origin: EP0774763A2] The electromagnet (1) has an armature (2) displaced along the longitudinal axis (12) of a magnetic coil (10), with a damping element (40) for braking the movement of the armature, which lies outside the magnetic circuit. The armature acts on the damping element via a braking body (41) with approximately the same mass as the armature. Preferably a second damping element (22) is inserted between the armature and the braking body.

IPC 1-7
H01F 7/08

IPC 8 full level
H01F 7/08 (2006.01); **H01F 7/16** (2006.01); **H01F 7/122** (2006.01)

CPC (source: EP)
H01F 7/088 (2013.01); **H01F 7/1615** (2013.01); **H01F 7/122** (2013.01)

Designated contracting state (EPC)
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DOCDB simple family (publication)
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