

Title (en)

Electromagnet with a power supply

Title (de)

Elektromagnet mit einer Stromversorgung

Title (fr)

Electro-aimant avec une alimentation

Publication

EP 0854408 A3 19980909 (DE)

Application

EP 98100624 A 19980115

Priority

DE 29700618 U 19970115

Abstract (en)

[origin: EP0854408A2] The electromagnet 10 has a controller with a drive stage 2 that receives current feedback from a Hall effect sensor 10 connected between the electromagnet and the power supply 3. The power supply has a rectifier 30 and output stage 31. The current signal is rectified 61 and is used as an input to a Schmitt trigger 63 that protects against short circuit overload by switching at a critical value and turns off the output stage 31.

IPC 1-7

G05F 1/10

IPC 8 full level

B66C 1/08 (2006.01); **H01F 7/18** (2006.01)

CPC (source: EP)

B66C 1/08 (2013.01); **H01F 7/1844** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

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