

Title (en)

Electromagnet having an armature rod made from plastic

Title (de)

Elektromagnet mit einem Anker mit Kunststoffstange

Title (fr)

Electro aimant comprenant une tige à aimant en plastique

Publication

EP 0576813 B1 19960925 (DE)

Application

EP 93107866 A 19930514

Priority

DE 4217871 A 19920529

Abstract (en)

[origin: EP0576813A1] In the case of an electromagnet which is provided with an armature and whose rod is used for carrying out control processes, the production of the armature and of the housing is intended to be simplified, and thus made cheaper, and scrap (wastage) is intended to be largely avoided. For this purpose, it is proposed that the rod pass through the armature over its entire length and consist of plastic, being produced, for example, by injection moulding the rod in the armature. <IMAGE>

IPC 1-7

H01F 7/16

IPC 8 full level

H01F 7/16 (2006.01); **H01F 7/08** (2006.01)

CPC (source: EP US)

H01F 7/081 (2013.01 - EP US); **H01F 2007/1661** (2013.01 - EP US)

Cited by

CN105474335A; EP3211276A1; US10192666B2; WO2015028219A1; WO9962084A1; WO2009156046A1

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EP 93107866 A 19930514; DE 4217871 A 19920529; DE 59303935 T 19930514; JP 12722793 A 19930528; US 6952893 A 19930601