

Title (en)  
ACTUATOR FOR DISK UNIT.

Title (de)  
BETÄTIGER FÜR PLATTENEINHEIT.

Title (fr)  
ACTUATEUR POUR UNITE DE DISQUES.

Publication  
**EP 0637039 A4 19950705 (EN)**

Application  
**EP 94905227 A 19940128**

Priority  

- JP 3258193 A 19930129
- JP 30330593 A 19931110
- JP 30330693 A 19931110
- JP 9400123 W 19940128

Abstract (en)  
[origin: WO9417537A1] A coil bobbin is formed by injection-molding a thermoplastic resin (A) having an elastic modulus of  $8 \times 10^{-2}$  kgf/mm<sup>2</sup> or more, and a thermal deformation temperature of 200 DEG C or higher under a load of 18.6 kg/cm<sup>2</sup>. The bobbin and an arm are integrally fixed to the actuator of a disk unit by use of a coupling member made of a thermoplastic resin (B).

IPC 1-7  
**H01F 7/06**; **H01F 7/08**

IPC 8 full level  
**H01F 5/02** (2006.01); **H01F 7/14** (2006.01)

CPC (source: EP)  
**H01F 5/02** (2013.01); **H01F 7/14** (2013.01)

Citation (search report)  

- [A] FR 2611575 A1 19880909 - OREGA ELECTRO MECANIQUE [FR]
- [A] DE 4019823 A1 19910110 - HITACHI METALS LTD [JP]
- [DA] US 5165090 A 19921117 - TAKAHASHI FUMIHIKO [JP], et al
- [A] EP 0343497 A1 19891129 - NIPPON DENSO CO [JP]
- See references of WO 9417537A1

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EP1047086A4; US6469606B1

Designated contracting state (EPC)  
DE FR GB

DOCDB simple family (publication)  
**WO 9417537 A1 19940804**; DE 69412389 D1 19980917; DE 69412389 T2 19990304; EP 0637039 A1 19950201; EP 0637039 A4 19950705; EP 0637039 B1 19980812

DOCDB simple family (application)  
**JP 9400123 W 19940128**; DE 69412389 T 19940128; EP 94905227 A 19940128