

Title (en)  
INERTIAL COUPLING MOUNT

Title (de)  
INERTIALGEKOPPELTE LAGERUNG

Title (fr)  
SUPPORT A COUPLAGE INERTIEL

Publication  
**EP 0704037 A4 19960925 (EN)**

Application  
**EP 94917347 A 19940511**

Priority  
• US 9405215 W 19940511  
• US 6014593 A 19930513

Abstract (en)  
[origin: WO9427083A1] An inertial coupling mount with active vibration isolation means between the source of vibration and the base to which it is mounted is disclosed. Inertial coupling (30) in series with actuator (4) provides vibration control force to effect high-frequency, engine-induced, vibration reduction. Coupling (30) reduces displacements to which actuator (4) is exposed, enabling effective control throughout very large, road-induced mount displacements, while at the same time protecting the actuator.

IPC 1-7  
**F16M 1/00; F16M 9/00**

IPC 8 full level  
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CPC (source: EP)  
**F16F 7/10** (2013.01); **F16F 13/06** (2013.01); **F16F 15/027** (2013.01)

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• [X] EP 0536761 A1 19930414 - HONDA MOTOR CO LTD [JP]  
• See references of WO 9427083A1

Designated contracting state (EPC)  
DE FR GB IT SE

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**US 9405215 W 19940511**; EP 94917347 A 19940511; JP 52566594 A 19940511