

Title (en)  
Load-dependent spring assembly

Title (de)  
Lastabhängige Federanordnung

Title (fr)  
Agencement de ressort dépendant de la charge

Publication  
**EP 2551167 A2 20130130 (DE)**

Application  
**EP 12177707 A 20120724**

Priority  
• EP 11175271 A 20110725  
• EP 12177707 A 20120724

Abstract (en)  
The load-sensing spring or spring arrangement has a spring element, which acts in a direction, and a collector with a sliding body, where a collecting spring is provided. A friction body is provided, particularly for damping a movement transverse to the direction. The friction body is arranged in the region of upper side of the spring. The sliding body is arranged in the region of a lower side of the spring. The sliding body is made of metal, particularly stainless steel or V2A steel. The friction body is made of plastic, particularly friction material and rubber.

Abstract (de)  
Die vorliegende Anmeldung betrifft eine lastabhängige Feder (40',40") mit mindestens einem ersten Federelement, das in einer ersten Richtung wirkt und mindestens einem Reiber mit einem Gleitkörper (122), vorzugsweise aufweisend eine Reiberfeder (124), sowie einem Reibkörper (132), insbesondere zur Dämpfung einer Bewegung im Wesentlichen quer zur ersten Richtung.

IPC 8 full level  
**B61F 5/12** (2006.01)

CPC (source: EP)  
**B61F 5/12** (2013.01)

Citation (applicant)  
EP 0182339 A1 19860528 - ASEA AB [SE]

Cited by  
CN104960538A; AU2016383700B2; US11713795B2

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
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