

Title (en)  
HELICAL COMPRESSION SPRING ARRANGEMENT

Title (de)  
SCHRAUBENDRUCKFEDERANORDNUNG

Title (fr)  
SYSTÈME DE RESSORT DE COMPRESSION À BOUDIN

Publication  
**EP 2976543 A1 20160127 (DE)**

Application  
**EP 14708201 A 20140305**

Priority  
• DE 102013005066 A 20130322  
• EP 2014000552 W 20140305

Abstract (en)  
[origin: WO2014146754A1] Helical compression spring arrangement (1) having a helical compression spring (2) which bears on a spring support (3) by way of at least one axially terminal bearing portion (2a), wherein the bearing portion (2a) has means for forming an at least axially effective positive engagement with corresponding means of the spring support (3), and use of such a helical compression spring arrangement (1) in a suspension strut of a vehicle.

IPC 8 full level  
**F16F 1/12** (2006.01)

CPC (source: CN EP)  
**F16F 1/122** (2013.01 - CN EP); **F16F 1/123** (2013.01 - CN EP)

Citation (search report)  
See references of WO 2014146754A1

Citation (examination)  
• FR 1338981 A 19631004  
• US 6454251 B1 20020924 - FISH JOHN C [US]  
• EP 2466167 A2 20120620 - AUDI AG [DE]  
• DE 893760 C 19531019 - DAIMLER BENZ AG  
• DE 60007699 T2 20041209 - MICHELIN & CIE [FR]

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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**DE 102013005066 A 20130322**; CN 201480017269 A 20140305; EP 14708201 A 20140305; EP 2014000552 W 20140305