

Title (en)  
SUPPORT SPRING

Title (de)  
STÜTZFEDER

Title (fr)  
RESSORT D'APPUI

Publication  
**EP 1589912 A2 20051102 (DE)**

Application  
**EP 04708304 A 20040205**

Priority  
• DE 2004000192 W 20040205  
• DE 10305131 A 20030207

Abstract (en)  
[origin: WO2004069087A2] The invention relates to a support spring comprising a lower leg-sided and a foot-sided end section which are connected together by means of a heel section. Said support spring is particularly suitable for the articulated connection of a lower leg cuff and a foot cuff of the lower leg orthosis. The spring rates of the support spring are different according to the rotational angle. Said invention also relates to a lower leg orthosis for use with the support spring.

IPC 1-7  
**A61F 5/01**

IPC 8 full level  
**A61F 5/01** (2006.01)

IPC 8 main group level  
**A61F** (2006.01)

CPC (source: EP US)  
**A61F 5/0111** (2013.01 - EP US)

Citation (search report)  
See references of WO 2004069087A2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2004069087 A2 20040819; WO 2004069087 A3 20041028**; DE 10305131 A1 20040902; DE 10305131 B4 20060720;  
EP 1589912 A2 20051102; NO 20053717 D0 20050802; NO 20053717 L 20050906; US 2006149181 A1 20060706

DOCDB simple family (application)  
**DE 2004000192 W 20040205**; DE 10305131 A 20030207; EP 04708304 A 20040205; NO 20053717 A 20050802; US 54485505 A 20050805