

Title (en)
Spring core

Title (de)
Federkern

Title (fr)
Noyau à ressorts

Publication
EP 1782714 A1 20070509 (DE)

Application
EP 06121407 A 20060928

Priority
DE 102005053123 A 20051108

Abstract (en)
The spring frame has a number of helical wound springs. A part of the spring (1) is formed in end area in longitudinal direction for the purpose of bulge (2,3). Both the end areas of the spring are provided with a bulge, between which a middle part (4) is formed. The inclinations of the coil of the spring wire are similar or different area wise.

IPC 8 full level
A47C 27/06 (2006.01)

CPC (source: EP US)
A47C 27/064 (2013.01 - EP US); **A47C 27/065** (2013.01 - EP US)

Citation (search report)
• [XY] EP 1527715 A1 20050504 - CIE CONTINENTALE SIMMONS [FR]
• [Y] US 5885407 A 19990323 - MOSSBECK NIELS S [US]
• [X] US 1963052 A 19340612 - POWERS GEORGE G
• [X] US 5713088 A 19980203 - WAGNER ROBERT F [US], et al
• [A] JP H11128027 A 19990518 - DREAM SOGO KENKYUSHO KK

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

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1782714 A1 20070509; DE 102005053123 A1 20070510; US 2007101507 A1 20070510

DOCDB simple family (application)
EP 06121407 A 20060928; DE 102005053123 A 20051108; US 59307806 A 20061106