

Title (en)  
SPRING AND DISPENSER COMPRISING SAME

Title (de)  
FEDER UND DIESE UMFASSENDE SPENDER

Title (fr)  
RESSORT ET DISTRIBUTEUR COMPRENANT UN TEL RESSORT

Publication  
**EP 1540199 A1 20050615 (FR)**

Application  
**EP 03748185 A 20030627**

Priority  
• FR 0301989 W 20030627  
• FR 0208138 A 20020628

Abstract (en)  
[origin: WO2004003402A1] The invention concerns a spring (4) characterized in that it comprises two leaves (41, 42) linked together by at least one link (43, 44), at least one leaf including a convex part which is supported on the other leaf in at least one support zone (413, 414, 423, 424) upon its elastic deformation by pressure on its convex part to bring it towards the other leaf, the link being located outside said support zone.

IPC 1-7  
**F16F 1/02**; **B05B 11/06**; **F16F 1/18**

IPC 8 full level  
**B65D 83/00** (2006.01); **B05B 11/04** (2006.01); **B65D 33/00** (2006.01); **F16F 1/02** (2006.01); **F16F 1/18** (2006.01); **B05B 11/00** (2006.01)

CPC (source: EP)  
**B05B 11/048** (2013.01); **B05B 11/1077** (2023.01); **F16F 1/02** (2013.01); **F16F 1/18** (2013.01)

Citation (search report)  
See references of WO 2004003402A1

Designated contracting state (EPC)  
DE ES FR GB IT

DOCDB simple family (publication)  
**FR 2841620 A1 20040102**; **FR 2841620 B1 20040917**; BR 0311726 A 20050315; CN 1666030 A 20050907; EP 1540199 A1 20050615; JP 2005537443 A 20051208; WO 2004003402 A1 20040108

DOCDB simple family (application)  
**FR 0208138 A 20020628**; BR 0311726 A 20030627; CN 03815289 A 20030627; EP 03748185 A 20030627; FR 0301989 W 20030627; JP 2004516878 A 20030627