

Title (en)
Spring tensioner for tensioning a helical compression spring

Title (de)
Innenspanner zum Spannen einer Schraubendruckfeder

Title (fr)
Dispositif pour comprimer un ressort de compression helicoidal

Publication
EP 1591207 B1 20100303 (DE)

Application
EP 04030379 A 20041222

Priority
DE 202004006807 U 20040428

Abstract (en)
[origin: EP1591207A1] A replacement helical spring (2) forms part of an automotive shock absorber assembly and is presented for re-assembly in a non-tensioned condition. The spring is placed under tension for re-assembly by a compression tool (3) with an integral threaded spindle (4) with two end plates (7, 8) whose position relative to each other is varied by rotation. The plates further incorporated peripheral detents (30, 54) on their inner faces (24, 49) that engage with the spring tips.

IPC 8 full level
B25B 27/30 (2006.01)

CPC (source: EP)
B25B 27/304 (2013.01)

Cited by
JP2016175168A; WO2022083815A1; CN106624751A; CN108161417A; CN102837289A; CN108581954A; CN101947762A; CN115135453A; CN102837288A

Designated contracting state (EPC)
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DOCDB simple family (publication)
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DOCDB simple family (application)
EP 04030379 A 20041222; AT 04030379 T 20041222; DE 202004006807 U 20040428; DE 502004010851 T 20041222; ES 04030379 T 20041222