

Title (en)

SUPPORT ELEMENT FOR A HELICAL SPRING, SUSPENSION ASSEMBLY AND SUSPENSION DEVICE COMPRISING SAID SUPPORT ELEMENT

Title (de)

STÜTZELEMENT FÜR EINE SCHRAUBENFEDER, AUFHÄNGUNGSANORDNUNG UND AUFHÄNGUNGSVORRICHTUNG MIT DIESEM STÜTZELEMENT

Title (fr)

ÉLÉMENT D'APPUI POUR RESSORT HÉLICOÏDAL, ENSEMBLE DE SUSPENSION ET DISPOSITIF DE SUSPENSION COMPRENANT CET ÉLÉMENT D'APPUI

Publication

EP 3924636 A1 20211222 (FR)

Application

EP 20707742 A 20200210

Priority

- FR 1901390 A 20190212
- FR 2020050240 W 20200210

Abstract (en)

[origin: WO2020165534A1] Disclosed is a support element (10; 110) for a helical spring (90), the support element being configured to be installed on a helical spring cup (3; 4) and comprising an upper surface (21U; 121U) having a groove (21; 121), the groove being curved and capable of receiving an end turn portion (90A) of the helical spring (90), the support element (10; 110) being characterised in that it comprises at least one elastic retaining member (23, 25; 123, 125) configured to retain said end turn portion (90A) in place in the groove (21; 121).

IPC 8 full level

F16F 1/12 (2006.01)

CPC (source: EP KR)

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Citation (search report)

See references of WO 2020165534A1

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

FR 3092635 A1 20200814; **FR 3092635 B1 20220422**; CN 113423968 A 20210921; EP 3924636 A1 20211222; KR 20210119430 A 20211005; MX 2021009641 A 20210908; WO 2020165534 A1 20200820

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FR 1901390 A 20190212; CN 202080014129 A 20200210; EP 20707742 A 20200210; FR 2020050240 W 20200210; KR 20217025584 A 20200210; MX 2021009641 A 20200210