

Title (en)  
SPRING COMPRESSOR

Title (de)  
FEDERSPANNER

Title (fr)  
COMPRESSEUR DE RESSORT

Publication  
**EP 4084932 B1 20240131 (DE)**

Application  
**EP 21765832 A 20210812**

Priority  
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Abstract (en)  
[origin: WO2022083815A1] The invention relates to a spring compressor having a loading device (3), which is axially insertable into a coil spring (2) to be loaded, and having a first and a second loading plate (4, 5), which can be coupled to the loading device (3) at a distance from each other, the second loading plate (5) having an opening (7) for receiving the loading device (3), a pressure piece (10) being displaceable along the loading device (3) by the effect of an actuator in order to adjust the distance between the loading plates (4, 5), wherein a calotte-shaped contact surface (19) for force transmission and an anti-rotation means is formed between the pressure piece (10) and the second loading plate (5) in order to prevent a rotation of the pressure piece (10) relative to the loading plate (5), wherein the anti-rotation means has protrusions and pockets for the protrusions (20). The protrusions and the pockets interrupt the calotte-shaped contact surface in the circumferential direction and divide it into contact surface regions which are separate from each other, wherein the calotte-shaped contact surface regions are larger in total in the circumferential direction than the circumferential region in which the protrusions and the pockets are arranged.

IPC 8 full level  
**B25B 27/30** (2006.01)

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