

Title (en)
Assembly with contact spring

Title (de)
Anordnung mit Kontaktfeder

Title (fr)
Dispositif avec ressort de contact

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Application
EP 07820245 A 20070917

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• EP 2007059769 W 20070917
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Abstract (en)
[origin: WO2008034791A1] The invention relates to a contact spring (2) in the form of a screw and as a compression spring, which is provided with technical means by which microscopic movements of the contact spring (2) caused by vibrations acting on the contact spring (2) are prevented from exerting an effect on the electrical contacts of the contact spring (2) and thereby causing frictional corrosion in the contacts. This is achieved by the fact that the specific winding (6) of the contact spring (2), which is involved in accomplishing the electrical contact by the application of pressure, is provided with hump-shaped projections (13). Due to these hump-shaped projections (13), point-like electrical contacts at high contact pressure are achieved, and also the microscopic movements are intercepted as secondary hump-shaped projections (13) and compensated.

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Citation (search report)
See references of WO 2008034791A1

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