

Title (en)  
CONTACT SPRING

Title (de)  
KONTAKTFEDER

Title (fr)  
RESSORT DE CONTACT

Publication  
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Application  
**EP 09710138 A 20090121**

Priority  
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Abstract (en)  
[origin: CA2714938A1] The invention relates to a contact spring having a free contact end (10) for producing an electrical contact between the free contact end (10) and a contact surface, the contact spring being formed from N contact spring metal sheets (12) and N-1 spacer elements (14), N being  $\geq 2$ . The contact spring metal sheets (12) are fixed in a clamping region (16) with a spacer element (14) between two adjacent contact spring metal sheets (12), are at a distance from each other in a spring region (20) around the thickness of the spacer elements (14), extend parallel to each other up to the free contact end (10) in a freely elastic manner, and end in a common plane on the free contact end (10). The arrangement is such that, in the spring region (20), the contact spring metal sheets (12) have at least one bend (24) with a pre-determined angle (26, 28) between the longitudinal axis (22, 23) of the contact spring metal sheets (12) before the bend (24) and the longitudinal axis (23) of the contact spring metal sheets (12) after the bend (24).

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