

Title (en)

COIL SPRING OF A MOTOR VEHICLE SUSPENSION, METHOD FOR PRODUCING SAME, AND MOTOR VEHICLE SUSPENSION

Title (de)

SCHRAUBENFEDER EINER KRAFTFAHRZEUGFEDERUNG, VERFAHREN ZU DEREN HERSTELLUNG SOWIE KRAFTFAHRZEUGFEDERUNG

Title (fr)

RESSORT HÉLICOÏDAL D'UNE SUSPENSION DE VÉHICULE AUTOMOBILE, PROCÉDÉ DE PRODUCTION CORRESPONDANT ET SUSPENSION DE VÉHICULE AUTOMOBILE

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Application

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Abstract (en)

[origin: WO2019238959A1] The invention relates to a coil spring (1) of a motor vehicle suspension (100), the coil spring (1,1') having a variable length in the direction of a longitudinal axis (L) between a state of minimum compression and a state of maximum compression and comprising an end winding (7). According to the invention, a main body (3) of a coil spring insulator (5) is formed on the coil spring (1,1') in the region of the end winding (7), the main body (3) being formed from an elastically deformable material and being designed to lie on a spring plate (50) of the motor vehicle suspension (100). The invention also relates to a motor vehicle suspension and to a method for producing a coil spring.

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