

Title (en)  
SUSPENSION STRUCTURE IN PARTICULAR FOR MOTOR VEHICLE

Title (de)  
AUFHÄNGUNGSSTRUKTUR, INSBESONDERE FÜR KRAFTFAHRZEUG

Title (fr)  
STRUCTURE DE SUSPENSION NOTAMMENT POUR VEHICULE AUTOMOBILE

Publication  
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Application  
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Priority  
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Abstract (en)  
[origin: FR2764546A1] The invention concerns an elastic suspension structure (1), in particular for motor vehicle, preferably made in composite material, consisting of at least three flexible arms (11), (12), (13) mutually connected at one end (19) where they merge. The invention is characterised in that each arm of the elastic suspension structure is connected to a wheel support and to the vehicle passenger space (3) by an articulation with rigidity anisotropy. The suspension structure (1) can be connected to the vehicle passenger space (3) through an elastic cradle (5) with low distorting rigidity to improve the dynamic performance. The invention is applicable in particular to minivans and cross-country vehicles.

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