

Title (en)  
ENERGY-ABSORBING DEVICE

Title (de)  
ENERGIEABSORBIERENDE VORRICHTUNG

Title (fr)  
DISPOSITIF ABSORBEUR D'ENERGIE

Publication  
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Application  
**EP 21786235 A 20211006**

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Abstract (en)  
[origin: WO2022111896A1] The invention relates to an energy-absorbing device (6) configured to be mounted between a bumper (2) and a longitudinal member (4) of a motor vehicle (1), the energy-absorbing device (6) comprising at least a first part (18), composed of a first reinforced material and forming a reinforcement of the energy-absorbing device (6), and a second part (20), composed of a second non-reinforced material and arranged around the reinforcement, the energy-absorbing device (6) extending in a longitudinal main direction (L) between the bumper (2) and the longitudinal member (4) and comprising at least one plate (30) which is made of a material having a hardness greater than the hardness of the second non-reinforced material and which extends across the longitudinal direction (L) of the energy-absorbing device (6).

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