

Title (en)

ENERGY-ABSORPTION ASSEMBLY FOR A MOTOR VEHICLE, AND ENERGY-ABSORPTION ELEMENT AND REINFORCING ELEMENT THEREFOR

Title (de)

ENERGIEABSORPTIONS-BAUEINHEIT FÜR EINEN KRAFTWAGEN SOWIE ENERGIEABSORPTIONSELEMENT UND VERSTÄRKUNGSELEMENT HIERFÜR

Title (fr)

MODULE D'ABSORPTION D'ÉNERGIE POUR UN VÉHICULE À MOTEUR AINSI QU'ÉLÉMENT D'ABSORPTION D'ÉNERGIE ET ÉLÉMENT DE RENFORCEMENT ASSOCIÉ

Publication

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Application

EP 19786528 A 20191007

Priority

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- EP 2019077127 W 20191007

Abstract (en)

[origin: WO2020099028A1] The invention relates to an energy-absorption assembly (12) for a motor vehicle, comprising an energy-absorption element (14), which has a longitudinal element (16) having respective supporting regions (18, 22) for supporting the longitudinal element (16) on a bumper crossmember (10) at one end and on a shell structural element (20) of the motor vehicle at the other end, and comprising a reinforcing element (26), by means of which the energy-absorption element (14) is reinforced, the reinforcing element (26) being arranged on the outside of the longitudinal element (16) and having, at the ends of the reinforcing element, respective supporting regions (36, 38), by means of which the reinforcing element (26), in the event of an accident-related application of force, can be supported on the bumper crossmember (10) at one end and on the shell structural element (20) of the motor vehicle at the other end at a distance Ax and/or Bx from the respective supporting regions (18, 22) of the longitudinal element (16).

IPC 8 full level

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CPC (source: EP US)

B60R 19/18 (2013.01 - US); **B60R 19/34** (2013.01 - EP US); **B60R 2019/186** (2013.01 - US)

Citation (search report)

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