

Title (en)

DEFORMATION ELEMENT AND METHOD FOR CONTROLLING THE DEFORMATION BEHAVIOR OF DEFORMATION ELEMENTS IN A VEHICLE

Title (de)

DEFORMATIONSELEMENT UND VERFAHREN ZUR REGELUNG DES DEFORMATIONSVORHALTENS VON DEFORMATIONSELEMENTEN IN EINEM FAHRZEUG

Title (fr)

ÉLÉMENT DE DÉFORMATION ET PROCÉDÉ DE RÉGLAGE DU COMPORTEMENT DE DÉFORMATION D'ÉLÉMENTS DE DÉFORMATION DANS UN VÉHICULE

Publication

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Application

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Abstract (en)

[origin: WO2010078988A2] The invention relates to a deformation element for the energy absorption in case of a vehicle collision, comprising a container (101) having at least one opening (114), wherein the container can be deformed for energy absorption. The deformation element further comprises a medium (112) that is arranged in the container and designed to flow out through the at least one opening in case of a deformation of the container, and a modulation unit (320) designed to control the outflow of the medium through the at least one opening depending on a setting signal.

IPC 8 full level

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