

Title (en)

MOTOR VEHICLE BODY ARRANGEMENT DESIGNED IN PARTICULAR FOR A COLLISION WITH LITTLE OVERLAP

Title (de)

KAROSSERIEANORDNUNG FÜR EIN KRAFTFAHRZEUG, DIE INSBESONDERE FÜR EINE KOLLISION MIT GERINGER ÜBERDECKUNG AUSGEBILDET IST

Title (fr)

ENSEMBLE DE CARROSSERIE POUR VÉHICULE AUTOMOBILE, QUI EST RÉALISÉ EN PARTICULIER POUR UNE COLLISION AVEC FAIBLE RECOUVREMENT

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2016026893A1] A motor vehicle body arrangement according to the invention has a longitudinal member arrangement (1, 3), a bumper crossmember (5) and a supporting element (7). The bumper crossmember is fastened to one end of the longitudinal member arrangement, and an end portion (6) of the bumper crossmember projects beyond the longitudinal member arrangement in the transverse direction. The supporting element is fastened to the end portion of the bumper crossmember and extends rearwards in the longitudinal direction of the vehicle over a predetermined length (a). The supporting element preferably extends substantially parallel to the longitudinal member arrangement. The supporting element is arranged or formed at a predetermined distance (b) from the longitudinal member arrangement. Furthermore, the supporting element according to the invention is designed and arranged in such a manner that, in the event of deformation of the end portion of the bumper crossmember as a consequence of a frontal collision of the motor vehicle, in particular a frontal collision with little overlap, the supporting element supports the end portion on the longitudinal member arrangement. Here, that is to say by means of the support, further deformation of the end portion in the direction of the longitudinal member arrangement is inhibited.

IPC 8 full level

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Citation (search report)

See references of WO 2016026893A1

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