

Title (en)

AUTOMOTIVE VEHICLE EQUIPMENT FOR PROTECTING PEDESTRIANS IN CASE OF FRONTAL COLLISION

Title (de)

AUTOMOBILAUSRÜSTUNG ZUM SCHUTZ VON FUSSGÄNGERN IM FALLE EINER FRONTALEN KOLLISION

Title (fr)

AGENCEMENT DE VEHICULE AUTOMOBILE POUR LA PROTECTION DE PIETONS EN CAS DE CHOC FRONTAL

Publication

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Application

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Abstract (en)

[origin: WO2008062128A1] The invention relates to an equipment for an automotive vehicle (10) for protecting pedestrians in case of frontal collision, comprising: a support member in the shape of a deformable beam (23) having an essentially horizontal and transverse orientation, a fitting member (22) for the beam (23) and a compartment (26) containing an airbag provided between the fitting member (22) and the transverse deformable beam (23) and capable of expansion in response to the detection of an imminent collision; and a shock bar (16) parallel to and underneath said beam, characterised in that the shock bar (16) includes at least one transverse section (17) capable of longitudinal translation from a rear rest position to a front position for absorbing the shock of a pedestrian, the translation being triggered simultaneously with the expansion of the airbag.

IPC 8 full level

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