

Title (en)

PEDESTRIAN IMPACT ABSORBER MOBILE KNUCKLE MOUNT

Title (de)

BEWEGLICHE SCHARNIERGELENKHALTERUNG FÜR FUSSGÄGNER-STOSSDÄMPFER

Title (fr)

SUPPORT DE CHARNON MOBILE AMORTISSEUR DE CHOC PIETON

Publication

EP 2379374 A1 20111026 (FR)

Application

EP 09803845 A 20091211

Priority

- FR 2009052502 W 20091211
- FR 0950299 A 20090119

Abstract (en)

[origin: WO2010081949A1] The present invention relates to a reinforcing element (2) intended to be fitted to a bonnet (hood) (1) of an automotive vehicle so as to allow said bonnet (hood) (1) to be attached to a bonnet (hood) hinge, said element (2) being of the mobile knuckle mount type, characterized in that said element (2) comprises at least one absorbing zone (5) the geometry of which is tailored to deform and absorb some of the stress experienced by said element (2) in an impact. In particular, the absorbing zone (5) comprises at least one deformable bulge of material and the element (2) further comprises at least one substantially planar fixing zone (6, 7) intended to act as a mount for means of attaching said bonnet (hood) (1) to the bonnet (hood) hinge.

IPC 8 full level

B60R 21/34 (2011.01)

CPC (source: EP)

B60R 21/34 (2013.01); **B60R 2021/343** (2013.01)

Citation (search report)

See references of WO 2010081949A1

Citation (examination)

- DE 102006015403 A1 20071011 - AUDI AG [DE]
- FR 2922180 A1 20090417 - PEUGEOT CITROEN AUTOMOBILES SA [FR]

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

FR 2009052502 W 20091211; BR PI0916497 A 20091211; CN 200980155004 A 20091211; EP 09803845 A 20091211; FR 0950299 A 20090119