

Title (en)

PROTECTIVE PAD USING A DAMPING COMPONENT

Title (de)

SCHUTZPOLSTER MIT EINEM DÄMPFUNGSELEMENT

Title (fr)

COUSSIN DE PROTECTION UTILISANT UN COMPOSANT AMORTISSEUR

Publication

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Application

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Abstract (en)

[origin: WO2014143153A1] Embodiments of the present invention relate to a protective pad that is comprised of an impact shell and a damping component. The damping component may be formed by a plurality of connecting members that are separated from the impact shell by a plurality of extension members that extend between the damping lattice and the impact shell. The damping component may also be formed by a sheet-like form that is separated from the impact shell by a plurality of extension members that extend between the damping sheet and the impact shell. The damping component is formed from an elastomer that aids in absorbing a portion of an impact force that is distributed across the damping component by the impact shell. The dampening component may be affixed to the impact shell by way of a coupling frame that is incorporated into the impact shell.

IPC 8 full level

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