

Title (en)
DEFORMABLE SAFETY HELMET

Title (de)
VERFORMBARER SICHERHEITSSHELM

Title (fr)
CASQUE DE PROTECTION DÉFORMABLE

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Abstract (en)
[origin: WO2010092254A1] The invention relates to a safety helmet (10) comprising damping elements (13), for example made from expanded polystyrene, added to a shell (12) made from an elastically deformable material. All of the shell (12)-facing surface of the damping elements (13) which are arranged along the periphery of the opening (11) is positioned against the shell (12) so as to form an inner supporting belt completely in contact with the shell (12). The helmet (10) is arranged such that, once the head is in position in the helmet cavity, the supporting belt deforms by means of the elastic deformation of the shell (12) according to the morphology of the head, permanently tightening the supporting belt against the head in a substantially uniform manner along the length of the supporting belt.

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