

Title (en)  
SAFETY HELMET, IN PARTICULAR FOR MOUNTAIN CLIMBERS AND TREE CLIMBERS

Title (de)  
SCHUTZHELM, INSBESONDERE FÜR BERGSTEIGER UND BAUMKLETTERER

Title (fr)  
CASQUE DE PROTECTION, EN PARTICULIER POUR ALPINISTES ET ARBORISTES GRIMPEURS

Publication  
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Application  
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Abstract (en)  
[origin: WO2013104505A1] The invention relates to a safety helmet having a helmet shell in which an interior equipment is fastened, which comprises an assembly that contacts the head and is made of a pannier (42), a head band (44), and a neck band. The interior equipment assembly has, as a means for fastening to the helmet shell, three support arms (54, 55, 56) designed as spacers, which overhang laterally downward from the pannier (42) in the region of the temples and downward to the rear in the region of the back of the head. The interior equipment assembly is thus held continuously at a distance from the helmet shell on the entire outer contour thereof. A resulting free space around the interior equipment assembly on all sides enables a relative shift of the helmet shell with respect to the interior equipment assembly. The support arms (54, 55, 56) are each removably fastened by the free ends thereof to the helmet shell. The removable fastening of the support arm (56), which overhangs downward to the rear, comprises a latch-fastening, effective in the longitudinal direction thereof, on a rear fastening point on the helmet shell and additionally a suspension or support, effective in the transverse direction thereof, in an additional fastening point above the latch-fastening, placed on the interior of the helmet shell. According to the invention, said arrangement results in an optimal transmission of force into the helmet shell and enables the relative shift of the helmet shell and thus optimal impact dampening by the helmet shell in combination with the interior equipment assembly in the case of an exertion of force on the helmet, both from the top and from the side.

IPC 8 full level  
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**A42B 3/08** (2013.01 - US); **A42B 3/12** (2013.01 - US); **A42B 3/14** (2013.01 - EP US)

Citation (search report)  
See references of WO 2013104505A1

Cited by  
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