

Title (en)

BALLISTIC AND IMPACT PROTECTIVE VISOR SYSTEM FOR MILITARY HELMET ASSEMBLY

Title (de)

EINSCHUSS- UND EINSCHLAGSCHUTZ-VISORSYSTEM FÜR EINE MILITÄRISCHE HELMANORDNUNG

Title (fr)

SYSTÈME DE VISIÈRE BALISTIQUE ET DE PROTECTION CONTRE LES CHOCES POUR CASQUE MILITAIRE

Publication

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Application

EP 10814535 A 20100902

Priority

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- US 24670109 P 20090929
- US 2010047757 W 20100902

Abstract (en)

[origin: WO2011028966A2] A helmet assembly includes a face shield and a single, center top mounting arrangement that operatively connects a center top location of the face shield to a center front mount on the helmet. The face shield can be raised and lowered about a pivot axis provided in the mounting arrangement between a tilted up, non-use position and a lowered, deployed position. A helmet attachment system is usable to attach a mandible or face or mouth guard. The helmet attachment system can attach other articles such as goggle straps and night vision devices. The helmet assembly includes a front rail that is substantially contiguous with side rails mounted to the helmet which extend rearward to be substantially contiguous with a back rail mounted on the helmet. The side rails are configured to provide attachment locations for further components, such as lights, electronics, communication equipment, etc. A visor has a lens with optics that are designed to provides impact protection while providing clarity by reduced refractive power, astigmatism, and prism in the horizontal direction as well as in the vertical direction.

IPC 8 full level

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CPC (source: EP)

A42B 3/04 (2013.01); **A42B 3/221** (2013.01); **F41H 1/04** (2013.01); **F41H 1/08** (2013.01)

Citation (search report)

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