

Title (en)

MODULAR BODY PROTECTION SYSTEM FOR THE CERVICAL SPINE

Title (de)

MODULARES KÖRPERSCHUTZ-SYSTEM FÜR HALSWIRBELSÄULE

Title (fr)

SYSTÈME DE PROTECTION CORPOREL MODULAIRE POUR LE RACHIS CERVICAL

Publication

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Application

EP 15787509 A 20151021

Priority

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- EP 2015074300 W 20151021

Abstract (en)

[origin: WO2016066479A1] Modular body protection system (10) designed in particular to protect the cervical vertebrae region and the brain of a user (M), comprising: a helmet (12) which, when worn, covers at least the upper half of the head and the back of the head of the user (M), wherein the helmet (12) comprises a circumferential lower edge (50); a neck support (14) to cover the neck of the user (M); wherein the neck protection (14) comprises an arc-shaped shoulder/back element (40) and a collar element (38), wherein the shoulder/back element (40) is open at the front and further is adapted so as to be supported on the shoulders of the user (M), wherein the collar element (38) is open at the front and is adapted to cover and support the neck of the user (M), wherein the collar element (38) is, preferably rigidly, connected to the shoulder/back element (40), wherein the collar element (38) has an upper edge (52) which is designed to define, together with the bottom edge (50) of the helmet (12), a form fitting nod end-stop in a rear extreme position of the head in the event of a backward directed nodding movement of the head of the user (M); and an elastic connection (24) which connects the helmet (12) in a manually detachable manner to the neck protection (14) and is arranged and designed such that a forward-directed nodding movement (62) of the head is first damped and then stopped in a front extreme position of the head.

IPC 8 full level

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