Title (en)

Flexible light protection structure, resistant to all kind of impacts, capable of absorbing shocks

Title (de)

Biegsame, leichte, gegen Schläge aller Art beständige und zum Dämpfen von Stössen fähige Schutzstruktur

Title (fr)

Structure de protection flexible et légère, résistante à toute sorte d'impacts, capable d'absorber les chocs

Publication

EP 0941751 A3 20000517 (EN)

Application

EP 99500039 A 19990308

Priority

AR 9801182 A 19980311

Abstract (en)

[origin: EP0941751A2] This invention is about a flexible light protection structure, that can be used as a knee pad, ankle support, thigh support, etc.. This invention is also the base structure for the construction of helmets, chest protectors or even protective gloves, that are usually required when practicing sports in general. The structure of the present invention is very light and flexible and has a great capacity for absorbing shocks without translating them. This invention relates to a mesh conformed by interwoven helical straps. The mesh is folded onto itself defining at least one internal cavity where ribs are housed for rigidity purposes. The mesh can be made of any material such as plastic, artificial fibers of metal. The inclusion of rigid reinforcing rods intercalated with the helical straps is also provided. <IMAGE>

IPC 1-7

A63B 71/08

IPC 8 full level

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CPC (source: EP)

A41D 31/24 (2019.02); **A41D 31/28** (2019.02); **A63B 71/08** (2013.01)

Citation (search report)

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