

Title (en)

Spine protection device for motorcyclists against accidents.

Title (de)

Wirbelsäulenpanzer, insbesondere als Unfallschutz für Motorradfahrer.

Title (fr)

Protection de la colonne vertébrale pour motocycliste en cas d'accident.

Publication

EP 0436788 B1 19941221 (DE)

Application

EP 90120496 A 19901025

Priority

DE 3935828 A 19891027

Abstract (en)

[origin: EP0436788A1] The invention relates to a spine protection device for motorcyclists against accidents, with plate elements (14, 15, 16, 19) made of deformable material and carried on an elastically deformable base element (12), which are arranged in sequence along the spine and are curved outwards, which extend beyond the spine at the sides and which are arranged at least partially overlapping one another or only slightly apart from one another. Interception of the impact forces in the event of a crash and prevention against further cut injuries are improved in that hollow spaces (20) are formed between the plate elements and the base element, and that these hollow spaces (20) are filled with an impact-absorbing packing (4) of low relative density, e.g. polystyrene foam. <IMAGE>

IPC 1-7

A41D 13/00; **A63B 71/08**

IPC 8 full level

A41D 13/05 (2006.01); **A63B 71/08** (2006.01)

CPC (source: EP US)

A41D 13/0531 (2013.01 - EP US); **A63B 71/08** (2013.01 - EP US)

Cited by

ES2070090A1; US7770233B2; WO9424893A1; EP2062487A2

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US 5140995 A 19920825; AT E115834 T1 19950115; DE 3935828 A1 19910502; DE 3935828 C2 19911107; EP 0436788 A1 19910717; EP 0436788 B1 19941221; ES 2066088 T3 19950301

DOCDB simple family (application)

US 68808391 A 19910418; AT 90120496 T 19901025; DE 3935828 A 19891027; EP 90120496 A 19901025; ES 90120496 T 19901025