

Title (en)  
Protective element for the body

Title (de)  
Körperschutzelement

Title (fr)  
Élément de protection du corps

Publication  
**EP 0836811 A2 19980422 (DE)**

Application  
**EP 97118157 A 19971020**

Priority  
DE 19643087 A 19961018

Abstract (en)  
The protective component (23) of the protection device (20) has an accommodation casing (24) which is filled with a filling material consisting of form bodies (25). The relative movement of the form bodies is defined by a peripheral pressure acting through the accommodation casing and the form bodies locate under tension on one another under, forming a shape-holding form body union (35). The accommodation casing is elastically formed and may be evacuated. The form bodies may be mostly plastic or elastic and the accommodation casing may be provided with a support structure, which is arranged in its interior. A division of the accommodation casing into several chambers may be provided, of which at least one has a form body filling. The chambers communicate with each other at least partly.

Abstract (de)  
Körperschutzelement (23, 40, 50, 58, 64) für eine Körperschutzeinrichtung (20, 48, 49, 57) zur Anordnung an einem Körperteil (22) mit einer in einer Aufnahmhülle (24, 42, 59, 68) aufgenommenen Formkörper-Füllung aus einzelnen, relativ zueinander bewegbaren Formkörpern (25), wobei die Formkörper durch einen über die Aufnahmhülle auf die Formkörper wirkenden Umfangsdruck in ihrer Relativanordnung definiert unter Vorspannung aneinander anliegen und einen formhaltigen Formkörperverbund (35) bilden. <IMAGE>

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IPC 8 full level  
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Cited by  
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