

Title (en)  
FLEXIBLE LIGHTWEIGHT PROTECTIVE PAD

Title (de)  
LEICHTES, FLEXIBLES SCHUTZKISSEN

Title (fr)  
REMBOURRAGE PROTECTEUR SOUPLE ET LEGER

Publication  
**EP 0886479 A1 19981230 (EN)**

Application  
**EP 97907897 A 19970226**

Priority  
• US 9703042 W 19970226  
• US 61653696 A 19960315

Abstract (en)  
[origin: WO9733493A1] Disclosed is an improved protective pad for protecting the human body against impact forces. The pad is formed using layers of high density closed-cell polymer foam and low density closed-cell polymer foam. The high density layer absorbs and dissipates impact forces, while the low density layers acts as a cushion against the human body, and provides for comfort. The pad can be provided with a plurality of hole through its thickness to provide for breathability and release of heat from the human body, the surface area of holes being great enough to allow for adequate ventilation but not so great as to significantly decrease the protection offered by the pad. The pad can also be provided with a plurality of score lines across its surface and partially through its thickness to provide for flexibility and conformability to the part of the human body being protected.

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IPC 8 full level  
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CPC (source: EP KR)  
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Citation (search report)  
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