

Title (en)  
HELMET

Title (de)  
HELM

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CASQUE

Publication  
**EP 1933656 A1 20080625 (EN)**

Application  
**EP 06809017 A 20061013**

Priority  
• IB 2006002866 W 20061013  
• ZA 200508326 A 20051014

Abstract (en)  
[origin: WO2007042930A1] A helmet (10) is provided, that has a first resilient shell (12), a support structure (16,18) inside the first shell to support the first shell on the wearer's head (14), a chin strap (20), to hold the helmet in position, a deformable layer (24) on the outside of the first shell and a tough outer shell (26) on the outside of the deformable layer. The deformable layer is of a material that absorbs energy when it is deformed and returns slowly to its original shape afterwards. The helmet includes a chin bar (34) with two opposing ends (36) that are displaceable relative to the outer shell, immediately inwardly of the outer shell. The outer profile of the helmet has a plurality of generally planar surfaces (28) and the helmet has a rear strap (38) that is attachable to the chin strap and that is configured to extend around the back of the wearer's head.

IPC 8 full level  
**A42B 3/06** (2006.01)

CPC (source: EP US)  
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