

Title (en)  
SEMI-RIGID PROTECTIVE HELMET

Title (de)  
HALBSTARRER SCHUTZHELM

Title (fr)  
CASQUE DE PROTECTION SEMI-RIGIDE

Publication  
**EP 1708587 A1 20061011 (FR)**

Application  
**EP 05717442 A 20050118**

Priority  
• FR 2005000111 W 20050118  
• FR 0400797 A 20040128

Abstract (en)  
[origin: FR2865356A1] A helmet (1) consists of a deformable inner cap (7) covered by a series of outer rigid plates (9a, 9c, 9d) attached to a layer of a supple material. The plates are distributed so that they cover the forehead, occiput and side of the head. The supple material can be in the form of a bonnet (8) over the cap, with the plates fitted into compartments in it, and the helmet can have a textile layer covering the plates.

IPC 8 full level  
**A42B 3/32** (2006.01); **A42B 3/00** (2006.01); **A42B 3/06** (2006.01)

CPC (source: EP US)  
**A42B 3/06** (2013.01 - US); **A42B 3/064** (2013.01 - EP); **A42B 3/32** (2013.01 - EP US)

Cited by  
US11399589B2; USD927084S; US11213736B2; US11712615B2; US10721987B2; US11638457B2; US11583024B2; US10874162B2;  
US11311067B2; US11503872B2; US10948898B1; US11167198B2; US11419383B2; US11889883B2; US10362829B2; US11291263B2;  
US11871809B2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**US 2007157370 A1 20070712**; AT E390861 T1 20080415; CN 100500040 C 20090617; CN 1913796 A 20070214;  
DE 602005005786 D1 20080515; DE 602005005786 T2 20090409; EP 1708587 A1 20061011; EP 1708587 B1 20080402;  
ES 2304693 T3 20081016; FR 2865356 A1 20050729; FR 2865356 B1 20070112; JP 2007522352 A 20070809; WO 2005082187 A1 20050909

DOCDB simple family (application)  
**US 58733705 A 20050118**; AT 05717442 T 20050118; CN 200580003371 A 20050118; DE 602005005786 T 20050118;  
EP 05717442 A 20050118; ES 05717442 T 20050118; FR 0400797 A 20040128; FR 2005000111 W 20050118; JP 2006550228 A 20050118