

Title (en)
SEMI-RIGID PROTECTIVE HELMET

Title (de)
HALBSTARRER SCHUTZHELM

Title (fr)
CASQUE DE PROTECTION SEMI-RIGIDE

Publication
EP 1708587 B1 20080402 (FR)

Application
EP 05717442 A 20050118

Priority
• FR 2005000111 W 20050118
• FR 0400797 A 20040128

Abstract (en)
[origin: US2007157370A1] The protective helmet (1) comprises a deformable foam liner (7), a plurality of shell segments (9), and joining means made of flexible material performing joining between the shell segments (9). The shell segments (9) are arranged on the foam liner (7) so as to form at least one crown segment (9 a), at least one occipital segment and a plurality of transverse side segments (9 c). The shell segments (9) and the joining means made of flexible material are joined to the foam liner (7) in such a way as to allow a slight sliding between the foam liner (7) and at least a part of the shell segments (9). The helmet (1) preferably comprises a headband adjustment means (14) designed to adjust the size of the helmet (1) and to optimize user comfort.

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; US11213736B2; US11712615B2; US10721987B2; US11638457B2; USD927084S; US10874162B2; US11311067B2;
US11503872B2; US11583024B2; US10948898B1; US11167198B2; US11419383B2; US11889883B2; US10362829B2; US11291263B2;
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US 2007157370 A1 20070712; AT E390861 T1 20080415; CN 100500040 C 20090617; CN 1913796 A 20070214;
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ES 2304693 T3 20081016; FR 2865356 A1 20050729; FR 2865356 B1 20070112; JP 2007522352 A 20070809; WO 2005082187 A1 20050909

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