

Title (en)  
PROTECTION HELMET

Title (de)  
SCHUTZHELM

Title (fr)  
CASQUE DE PROTECTION

Publication  
**EP 3858178 B1 20221012 (EN)**

Application  
**EP 21151086 A 20210112**

Priority  
IT 202000001117 A 20200122

Abstract (en)  
[origin: EP3858178A1] A protection helmet (10,10') is described comprising:- an outer shell (20), and- an inner shell (40), which is housed in the outer shell (20) and has a stiffness lower than the outer shell (20),wherein the inner shell (40) comprises a first portion (45), which is directly in contact with the outer shell (20) and has a recess (70), and a second portion (65) at least partially housed in the recess (70),said helmet (10,10') comprising an elastic element (90,95), which:- is entirely housed in said recess (70),- is equipped with a first end (90A,95A) fastened to the first portion (45) of the inner shell (40) and a second end (90B,95B) fastened to the second portion (65) of the inner shell (40),- is configured to deform elastically both along a first direction (A) of the second portion towards or away from/to the recess and along a second direction (B) perpendicular to the first direction (A).

IPC 8 full level  
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CPC (source: EP)  
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