

Title (en)  
SHOCK-ABSORBING LINER FOR A PROTECTIVE HELMET AND PROTECTIVE HELMET COMPRISING SAID LINER

Title (de)  
STOSSDÄMPFENDE AUSKLEIDUNG FÜR EINEN SCHUTZHELM UND SCHUTZHELM MIT DIESER AUSKLEIDUNG

Title (fr)  
DOUBLURE ABSORBANT LES CHOCS D'UN CASQUE DE PROTECTION ET CASQUE DE PROTECTION COMPRENANT LADITE DOUBLURE

Publication  
**EP 3539402 A1 20190918 (EN)**

Application  
**EP 18161182 A 20180312**

Priority  
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Abstract (en)  
A shock-absorbing liner for a protective helmet, comprising at least an integrally moulded first part (2) shaped as a curved thin body and comprising a primary group (72) of ribs (6) extending in height along a same demoulding direction (X2) of said first part (2) and in length along a side (3) of said first part (2), and at least an integrally moulded second part (42) shaped as a curved thin body and comprising a secondary group (92) of channels (8) extending in depth along a same demoulding direction (X1) of said second part (41) and in length along a side (5) of said second part (42). By translating the two parts (2, 42) one towards the other in a direction parallel to the demoulding direction (X2) they fit together, with said ribs (6) engaging into said channels (8). The invention also comprises a protective helmet provided with said liner.

IPC 8 full level  
**A42B 3/12** (2006.01)

CPC (source: EP)  
**A42B 3/124** (2013.01)

Citation (applicant)  
US 7802320 B2 20100928 - MORGAN DON E [AU]

Citation (search report)  
• [A] BE 836581 A 19760401  
• [AD] US 7802320 B2 20100928 - MORGAN DON E [AU]

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