

Title (en)  
HELMET COMPRISING ENERGY-ABSORBING LAYER

Title (de)  
HELM MIT ENERGIEABSORBIERENDER SCHICHT

Title (fr)  
CASQUE COMPRENANT UNE COUCHE D'ABSORPTION D'ÉNERGIE

Publication  
**EP 3050449 A1 20160803 (EN)**

Application  
**EP 16000174 A 20160126**

Priority  
CZ 201530663 U 20150130

Abstract (en)  
Helmet comprising an energy-absorbing layer is made of a firm external skeleton (1) and an internal energy-absorbing layer (2). The internal energy-absorbing layer (2) is made of a moulded foam liner (21), where a plastic strip (22) is attached to its external surface being oriented in the direction towards the internal part of the firm outer skeleton (1) in a fixed or sliding method that is equipped with a bristle material or bristles (23).

IPC 8 full level  
**A42B 3/06** (2006.01); **A42B 3/12** (2006.01)

CPC (source: EP)  
**A42B 3/064** (2013.01); **A42B 3/124** (2013.01)

Citation (applicant)  
• US 8578520 B2 20131112 - HALLDIN PETER [SE]  
• WO 2006005143 A1 20060119 - LEUVEN K U RES & DEV [BE], et al  
• EP 2428129 A2 20120314 - SCHIMPF OLIVER [DE]  
• US 2004250340 A1 20041216 - PIPER DENNIS [US], et al

Citation (search report)  
• [X] WO 2006022680 A1 20060302 - FULL90 SPORTS INC [US], et al  
• [I] US 2013042397 A1 20130221 - HALLDIN PETER [SE]  
• [A] US 2013122256 A1 20130516 - KLEIVEN SVEIN [SE], et al

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CN111148444A; US11457683B2; US11950652B2

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
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