

Title (en)  
A HELMET FOR IMPACT PROTECTION

Title (de)  
HELM ZUM AUFPRALLSCHUTZ

Title (fr)  
CASQUE DE PROTECTION CONTRE LES CHOCS

Publication  
**EP 3590375 A1 20200108 (EN)**

Application  
**EP 18200835 A 20181016**

Priority  
EP 18200835 A 20181016

Abstract (en)  
According to an embodiment, the invention relates to helmet (100) for protecting a wearer's head (107) comprising a protective layer (106) configured to, when the helmet (100) is impacted by a force (105), absorb the normal component (102) thereof by compression and rupture (211, 212, 510, 601) when the tangential component (103) of the force exceeds a predefined threshold.

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

CPC (source: EP US)  
**A42B 3/064** (2013.01 - US); **A42B 3/124** (2013.01 - EP); **A42B 3/125** (2013.01 - US); **A42B 3/128** (2013.01 - EP US); **A42B 3/064** (2013.01 - EP)

Citation (applicant)  
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Citation (search report)  
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**EP 18200835 A 20181016**; AU 2019363059 A 20190930; CN 201980067908 A 20190930; EP 2019076385 W 20190930; EP 21174467 A 20181016; ES 18200835 T 20181016; JP 2021520978 A 20190930; PT 18200835 T 20181016; US 201917285014 A 20190930