

Title (en)  
PROTECTIVE HELMET

Title (de)  
SCHUTZHELM

Title (fr)  
CASQUE DE PROTECTION

Publication  
**EP 3534741 A1 20190911 (FR)**

Application  
**EP 17793968 A 20171107**

Priority  
• FR 1660753 A 20161107  
• EP 2017078487 W 20171107

Abstract (en)  
[origin: WO2018083345A1] This protective helmet (10) comprises an inner cap (12), an outer cap (16) and a decoupling layer (20) capable of allowing the outer cap (16) to rotate relative to the inner cap (12) about any axis of rotation in the event of an impact, at least one spherical surface (39) being completely contained in the decoupling layer (20). The helmet (10) comprises a fastening strap (40) attached at two opposing points (42) of the inner cap (12) without any mechanical connection with the outer cap (16), the strap (40) being intended to fasten the helmet (10) to the head (14) of the wearer. The helmet (10) comprises a fastening frame (44) attached to the inner cap (12), the strap (40) being attached to the inner cap (12) by means of the fastening frame (44).

IPC 8 full level  
**A42B 3/06** (2006.01); **A42B 3/08** (2006.01)

CPC (source: EP US)  
**A42B 3/064** (2013.01 - EP US); **A42B 3/08** (2013.01 - EP US)

Citation (search report)  
See references of WO 2018083345A1

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)  
**FR 3058298 A1 20180511**; **FR 3058298 B1 20190125**; AU 2017352667 A1 20190523; BR 112019008632 A2 20200602; EP 3534741 A1 20190911; US 11147332 B2 20211019; US 2019357623 A1 20191128; WO 2018083345 A1 20180511

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