

Title (en)

HELMET WITH MULTIPLE PROTECTIVE ZONES

Title (de)

HELM MIT MEHREREN SCHÜTZENDEN ZONEN

Title (fr)

CASQUE AVEC DE MULTIPLES ZONES DE PROTECTION

Publication

EP 3253244 A4 20180905 (EN)

Application

EP 16747362 A 20160205

Priority

- US 201514615011 A 20150205
- US 2016016840 W 20160205

Abstract (en)

[origin: WO2016127095A1] A protective helmet having multiple zones of protection suitable for use in construction work, athletic endeavors, and similar activities. The helmet includes a hard outer protective shell, an inner shell and an elastomeric zone with the outer shell suspended over the inner shell. A plurality of sinusoidal springs are positioned within the elastomeric zone. In one embodiment, force indicators may be displayed that indicate the amount of force impacting a helmet. The force indicators may indicate impact force from both direct and rotational directions.

IPC 8 full level

A42B 3/06 (2006.01)

CPC (source: EP)

A42B 3/064 (2013.01); **A42B 3/065** (2013.01); **A42B 3/067** (2013.01)

Citation (search report)

- [X] US 2306362 A 19421222 - ALFRED WOLFF
- [X] US 5319808 A 19940614 - BISHOP TIMOTHY D [US], et al
- See references of WO 2016127095A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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US 2016016840 W 20160205; CN 201680015801 A 20160205; EP 16747362 A 20160205