

Title (en)

Helmet with integrated means for securely locking it

Title (de)

Helm mit integrierten Vorrichtungen zum sicheren Verschließen

Title (fr)

Casque avec support intégré pour le verrouiller de manière sécurisée

Publication

EP 2425728 A1 20120307 (EN)

Application

EP 10175265 A 20100903

Priority

EP 10175265 A 20100903

Abstract (en)

The present invention concerns a helmet (1) for protecting the head of a wearer from external impacts, said helmet comprising a shell (2), at least a pair of straps (3), one end of each of said straps (3) being attached with attachment means (7) to the shell (2) and the other end comprising fastening means (8) suitable for fastening the two straps (3) together such that a continuous strap is formed running from one attachment means (7) to the other, and passing under the chin of a person when worn, characterized in that, ## The fastening means (8) comprise a lock (8A), and ## The straps (3) have a cut resistance according to ASTM F1 790-05 of at least 20 g / mm, preferably of at least 40 g / mm.

IPC 8 full level

A42B 3/04 (2006.01)

CPC (source: EP US)

A42B 3/0413 (2013.01 - EP US)

Citation (applicant)

- DE 102004061359 A1 20060706 - DRIGNATH ROLAND [DE]
- US 6415635 B1 20020709 - JONASSON LARS [SE]
- CA 2132996 A1 19960328 - MATHIEU ROBERT L [CA]
- DE 4241235 A1 19940609 - DRIGNATH ROLAND [DE]
- US 4274271 A 19810623 - TODD JOHN, et al
- EP 0723906 A1 19960731 - ACCESSORI CICLO SULIVAS DI SOL [IT]
- US 3798934 A 19740326 - WRIGHT F, et al
- US 4676080 A 19870630 - SCHWARZ EDWARD [US]
- US 4766616 A 19880830 - DONAHUE JOHN P [US]
- US 5117662 A 19920602 - HOLMES THOMAS C [CA]
- US 5564129 A 19961015 - BALL LARRY [US], et al
- CN 2867945 Y 20070214 - JIN HONGYANG [CN]

Citation (search report)

- [XA] GB 853461 A 19601109 - KANGOL HELMETS LTD, et al
- [XA] US 3399855 A 19680903 - TAKAO SHIRAI
- [E] CH 700610 A2 20100930 - BANGERTER KURT [CH]
- [AD] US 4766616 A 19880830 - DONAHUE JOHN P [US]
- [A] ES 1070360 U 20090803 - LANCINI LUCA [IT]

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 SE SI SK SM TR

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

EP 2425728 A1 20120307; AU 2011298307 A1 20130314; AU 2011298307 B2 20150716; CA 2810106 A1 20120308; CA 2810106 C 20170131; DK 2611318 T3 20150119; EP 2611318 A1 20130710; EP 2611318 B1 20141112; ES 2527026 T3 20150119; JP 2013536903 A 20130926; JP 5951611 B2 20160713; US 2013219597 A1 20130829; WO 2012028742 A1 20120308

DOCDB simple family (application)

EP 10175265 A 20100903; AU 2011298307 A 20110905; CA 2810106 A 20110905; DK 11751611 T 20110905; EP 11751611 A 20110905; EP 2011065306 W 20110905; ES 11751611 T 20110905; JP 2013526500 A 20110905; US 201113820730 A 20110905