

Title (en)
Safety helmet

Title (de)
Sicherheitshelm

Title (fr)
Casque de sécurité

Publication
EP 2438824 A1 20120411 (EN)

Application
EP 11007861 A 20110928

Priority
IT MI20101827 A 20101006

Abstract (en)
Safety helmet (1) comprising a shell (2), a chin guard (3), or at least one protecting plate (90), and means (4) for removably constraining said chin guard (3), or said at least one protecting plate (90), to said shell (2), said constraining means (4) comprising at least one mobile element (5) provided with at least one portion (6) for retaining said chin guard (3), or said at least one protecting plate (90), from sliding, relatively to said shell (2), and vice versa, and with at least one portion (7) for controlling the movement of said at least one mobile element (5) relatively to said shell (2), or to said chin guard (3), or to said at least one protecting plate (90), between an engagement and disengagement positions of said at least one retaining portion (6) with said chin guard (3), or with said at least one protecting plate (90), or with said shell (2), next to at least one fixing area (8) of said chin guard (3), or said at least one protecting plate (90), or said shell (2), characterized in that said at least one mobile element is disposed, at least partially, inside at least one through opening (11) obtained in said shell, or said chin guard, or said at least one protecting plate (90), and that said at least one controlling portion (7) and said at least one retaining portion (6) are operatively and respectively disposed on the inner (11a) and the outer (11b) faces of said at least one opening (11).

IPC 8 full level
A42B 3/32 (2006.01)

CPC (source: EP)
A42B 3/326 (2013.01)

Citation (applicant)
WO 2008055688 A1 20080515 - GI VI SRL [IT], et al

Citation (search report)
• [XYI] EP 0680703 A1 19951108 - E D C SARL [FR]
• [YD] WO 2008055688 A1 20080515 - GI VI SRL [IT], et al
• [A] EP 1183957 A2 20020306 - PROJECT SRL [IT]
• [A] FR 2706257 A1 19941223 - GALLET SA [FR]
• [A] US 4689836 A 19870901 - VITALONI ALBERTO [IT]
• [A] GB 2361408 A 20011024 - MCPHEE NICHOLAS CHARLES [GB]

Cited by
DE102014218041A1; CN117158677A; CN114403537A; WO2016000687A1; WO2016037845A1

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

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EP 2438824 A1 20120411; BR PI1104278 A2 20171121; IT MI20101827 A1 20120406; JP 2012082567 A 20120426

DOCDB simple family (application)
EP 11007861 A 20110928; BR PI1104278 A 20111005; IT MI20101827 A 20101006; JP 2011220642 A 20111005