

Title (en)
Lining for helmets.

Title (de)
Innenausstattung für Schutzhelme.

Title (fr)
Garniture intérieure pour casques de protection.

Publication
EP 0088959 A2 19830921 (DE)

Application
EP 83102124 A 19830304

Priority
DE 3209192 A 19820313

Abstract (en)
[origin: ES270806U] An inner structure of a protective helmet secured to a helmet shell comprises a head bearing ring, a plurality of belt straps forming a spider and each having an end secured to the helmet shell and a plurality of fasteners each corresponding to the respective belt strap and formed of plastics. Each fastener has a shackle-shaped portion connected to the end of the respective belt strap. The head bearing ring is formed of plastics. Each fastener is connected to the head bearing ring by a hinge joint and formed integrally therewith such that the fastener is pivoted relative to the head bearing ring.

Abstract (de)
Eine Innenausstattung für Schutzhelme besteht aus mehreren Gurtbändern (11), deren Enden mit an der Helmschale (12) festzulegenden Steckverschlüssen (4) verbunden sind. Letztere sind über je ein Klappscharnier (3) im Kopftragring (1) angelenkt und mit diesem als einteiliges Kunststoffteil ausgebildet.

IPC 1-7
A42B 3/00

IPC 8 full level
A42B 3/00 (2006.01); **A42B 3/14** (2006.01)

CPC (source: EP US)
A42B 3/14 (2013.01 - EP US); **A42B 3/147** (2013.01 - EP US)

Cited by
WO9945807A1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0088959 A2 19830921; **EP 0088959 A3 19860108**; **EP 0088959 B1 19880420**; AT E33533 T1 19880515; AU 1239283 A 19830915; AU 552450 B2 19860529; BR 8301237 A 19831122; CA 1186451 A 19850507; DE 3209192 A1 19831006; DE 3209192 C2 19850829; DE 3376288 D1 19880526; DK 110483 A 19830914; DK 110483 D0 19830307; DK 152781 B 19880516; DK 152781 C 19881010; ES 270806 U 19830816; ES 270806 Y 19841201; FI 71658 B 19861031; FI 71658 C 19870209; FI 830814 A0 19830310; FI 830814 L 19830914; NO 155524 B 19870105; NO 155524 C 19870415; NO 830863 L 19830914; PT 76373 A 19830401; PT 76373 B 19851118; US 4527290 A 19850709; ZA 831728 B 19831130

DOCDB simple family (application)
EP 83102124 A 19830304; AT 83102124 T 19830304; AU 1239283 A 19830311; BR 8301237 A 19830311; CA 423569 A 19830314; DE 3209192 A 19820313; DE 3376288 T 19830304; DK 110483 A 19830307; ES 270806 U 19830311; FI 830814 A 19830310; NO 830863 A 19830311; PT 7637383 A 19830310; US 47510183 A 19830314; ZA 831728 A 19830314