

Title (en)

Caps of composite material for personal protection, such as helmets and the like.

Title (de)

Kopfbedeckung zum persönlichen Schutz aus Schichtmaterial, wie z.B. Schutzhelme.

Title (fr)

Casque de protection en matériau composite.

Publication

**EP 0188747 A1 19860730 (EN)**

Application

**EP 85115994 A 19851214**

Priority

IT 1921085 A 19850123

Abstract (en)

Shaped cap made of composite material for personal protection, such as helmets and the like, comprising an outer shell of metal material, superimposed onto an inner shell constituted by a fibrous material impregnated with synthetic resin, said two shells being solidly linked to each other by means of a layer of polymeric material interposed between the same shells.

IPC 1-7

**F41H 1/04**

IPC 8 full level

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CPC (source: EP)

**A42B 3/063** (2013.01); **F41H 1/04** (2013.01); **F41H 1/08** (2013.01); **F41H 5/0464** (2013.01)

Citation (search report)

- [X] FR 2425046 A1 19791130 - SAINT LOUIS INST [FR]
- [X] FR 2431674 A1 19800215 - FONTAUTO SPA [IT]
- [A] US 3722355 A 19730327 - KING H
- [A] EP 0089537 A1 19830928 - ALLIED CORP [US]
- [A] GB 1367403 A 19740918 - DALY N
- [A] US 3018210 A 19620123 - FRIEDER LEONARD P, et al
- [A] US 3867239 A 19750218 - ALESI ANTHONY L, et al

Cited by

GB2175490B; CN106197148A; EP0533289A1; US2013040524A1; CN102811639A; EP1550836A1; CN111698920A; WO2006079135A1; WO2011087435A1; EP0340877B1; EP3520641A1

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