

Title (en)

Device for improvement of the ventilation inside of a helmet, in particular for motorcycle use.

Title (de)

Vorrichtung zum Verbessern der Belüftung des Helminnenraums, insbesondere in Helmen für Motorradfahrer.

Title (fr)

Dispositif pour améliorer la ventilation à l'intérieur d'un casque destiné en particulier à l'usage des motocyclistes.

Publication

**EP 0268549 A1 19880525 (EN)**

Application

**EP 87810166 A 19870323**

Priority

CH 428486 A 19861030

Abstract (en)

Air is extracted by a collection zone (3) (fig. 3) through duct (8) and four holes (7) from chamber (4) located between the wearer's head and the polystyrene; the resulting low pressure that is created pulls other air through openings (5) at the sides of the front; the entry of the air by such openings is aided by the fact that a slight pressure is present inside the helmet in the front zone by dynamic effects, and this entry generates a true and real circulation that, preventing stagnation of the hot air, creates a real inside conditioning effect. Further the air, which enters by the lower part of the helmet and by the openings to eliminate the condensation on the visor, is sucked upward by chimney effect which also contributes to reducing the steaming of the visor itself.

IPC 1-7

**A42B 3/00**

IPC 8 full level

**A42B 3/00** (2006.01); **A42B 3/28** (2006.01)

CPC (source: EP)

**A42B 3/281** (2013.01)

Citation (search report)

- [X] GB 2167285 A 19860529 - NAVA PIER LUIGI
- [X] US 3496854 A 19700224 - FELDMANN FREDERICK W, et al
- [E] EP 0252243 A1 19880113 - NAVA & C SPA [IT]
- [XP] US 4622700 A 19861118 - SUNDAHL JAMES G [US]
- [X] FR 2525441 A1 19831028 - HOFFMANN HANSPETER [LI]
- [A] DE 3316920 C1 19841108 - SCHUBERTH WERK KG

Cited by

US5058212A; EP0586932A3; US5086520A; US6061834A; EP0543059A1; US5136728A; US5093938A; EP0477150A3; DE9409465U1; US6170084B1; EP3698665A1; CN111602921A; WO2010045496A3; US8695121B2; US9066791B2

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