

Title (en)

A CRASH HELMET WITH AN INFLATABLE PAD.

Title (de)

STURZHELM MIT AUFBLASBAREM LUFTKISSEN.

Title (fr)

CASQUE PROTECTEUR AVEC TAMPON GONFLABLE.

Publication

**EP 0506696 B1 19940629 (EN)**

Application

**EP 91900219 A 19901213**

Priority

- EP 9002162 W 19901213
- IT 2273589 A 19891219

Abstract (en)

[origin: WO9108682A1] The crash helmet (1) comprises a rigid head piece (2), a shockproofing pad (6) having at least one deformable, inflatable bladder (7), a diaphragm pump (16) driven by a battery-operated electric motor (17) and mounted to the head piece (2) to force air into the bladder (7), and a solenoid valve (18) between the pump (16), the bladder (7), and the outside environment to selectively and alternatively allow the bladder (7) to be shut off, air to be bled off the bladder (7) to the outside environment, or air to be pumped into the bladder (7).

IPC 1-7

**A42B 3/12**

IPC 8 full level

**A42B 3/12** (2006.01)

CPC (source: EP)

**A42B 3/0486** (2013.01); **A42B 3/122** (2013.01)

Cited by

DE19904355A1; US8127373B1; US11632999B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

**WO 9108682 A1 19910627**; AU 6899391 A 19910718; DE 69010341 D1 19940804; DE 69010341 T2 19941013; EP 0506696 A1 19921007; EP 0506696 B1 19940629; IT 1236889 B 19930426; IT 8922735 A0 19891219; IT 8922735 A1 19910619

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