

Title (en)

Protector and article of sportswear using the same.

Title (de)

Schutzelement und Sportbekleidung mit diesem Element.

Title (fr)

Élément de protection et article de sport utilisant cet élément de protection.

Publication

**EP 0351147 A1 19900117 (EN)**

Application

**EP 89306920 A 19890707**

Priority

- JP 17008588 A 19880708
- JP 17008688 A 19880708

Abstract (en)

The protector includes a cushioning pad (5) for buffering external impact, the cushioning pad (5) having one face being adapted to be mounted over a garment, and a plurality of parallel protecting rigid members (3), mounted on the other face of the cushioning pad (5) in a spaced manner, for protecting the cushioning pad from being damaged from the external impact.

IPC 1-7

**A41D 13/00; A63B 71/12**

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [X] FR 2366809 A1 19780505 - THWAITES JAMES [GB]
- [X] DE 2809009 A1 19780907 - HANRAHAN JAMES R
- [A] US 3208080 A 19650928 - ERNEST HIRSCH ARTHUR
- [A] EP 0083454 A1 19830713 - FILMER DIERK [DE]
- [A] US 4525875 A 19850702 - TOMCZAK WALTER F [US]
- [A] US 3574861 A 19710413 - HALE CREIGHTON J
- [A] GB 2177892 A 19870204 - STAFFORD RUBBER CO LTD

Cited by

US5146621A; US7784116B2; US5014354A; US5274846A; US5034998A; WO9302577A1

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