

## Title (en)

Protective device for forefoot, particularly adapted for wearing of classical dance slippers

## Title (de)

Schutzvorrichtung für Vorfuss, insbesondere zum Tragen von klassischen Tanzschuhen geeignet

## Title (fr)

Dispositif de protection de l'avant des pieds, notamment adapté au port de chaussures de danse classique

## Publication

**EP 1325688 A1 20030709 (FR)**

## Application

**EP 03290010 A 20030102**

## Priority

FR 0200035 A 20020103

## Abstract (en)

A toe protector consists of a cap of a material (M) that is both soft and dense, covering the point of the foot and fitting inside the toe (51) of the shoe (5). The cap, which has a hardness not exceeding 15 Shore A, is stretched over the point of the foot before the shoe is put on so that it passes the metatarsal-phalangeal joint. A toe protector consists of a cap of a material (M) that is both soft and dense, covering the point of the foot and fitting inside the toe (51) of the shoe (5). The cap, which has a hardness not exceeding 15 Shore A, is stretched over the point of the foot before the shoe is put on so that it passes the metatarsal-phalangeal joint. The material used for the cap can stretch by at least five times its length; it is chemically neutral, hypoallergenic, biocompatible and washable. Its elasticity allows it to fit feet of different sizes.

## Abstract (fr)

L'invention a pour objet un dispositif de protection de l'avant du pied, particulièrement adapté au port de chaussures de danse classique, comprenant un embout (1) constitué d'une pièce évidée monobloc (1) s'emboîtant sur la pointe du pied (6) et dans l'empaigne (51) de la chaussure (5). Selon l'invention, l'embout (1) est réalisé dans une matière élastiquement déformable, à la fois molle et dense et s'enfile par étirement sur toute la partie avant (61) du pied (6) en dépassant les articulations métatarso-phalangiennes, la paroi (10) ainsi étirée se comportant comme une seconde peau conservant la souplesse du pied tout en maintenant un contact permanent avec la face interne de l'empaigne (51). <IMAGE>

## IPC 1-7

**A43B 5/12**; **A43B 5/16**; **A43B 23/16**; **A43C 13/14**; **A43B 3/26**

## IPC 8 full level

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## CPC (source: EP)

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## Citation (applicant)

- US 1744122 A 19300121 - KEELING JOHN G
- US 1996083 A 19350402 - SMITH FRED A
- EP 0136415 A1 19850410 - NODARI CLAUDIO
- US 5129165 A 19920714 - WOODLE ALAN S [US]

## Citation (search report)

- [PX] WO 02087374 A1 20021107 - BRUCKNER JANICE S [US]
- [XD] EP 0136415 A1 19850410 - NODARI CLAUDIO
- [A] US 2810214 A 19571022 - WOLFE SHEEMON A
- [AD] US 5129165 A 19920714 - WOODLE ALAN S [US]
- [AD] US 1996083 A 19350402 - SMITH FRED A
- [AD] US 1744122 A 19300121 - KEELING JOHN G

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CN103188958A; EP2286686A1; CN101991244A; AU2010212295B2; GB2444021A; FR2957756A1; US10426220B2; WO2011117558A1; EP2298112A1

## Designated contracting state (EPC)

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