

Title (en)

Wear-resisting and anti-skid protection element for a shoe heel.

Title (de)

Abnutzungsfestes und nichtrutschendes Schutzelement für Schuhabsatz.

Title (fr)

Élément de protection anti-usure et anti-dérapant pour talon de chaussure.

Publication

EP 0186566 A1 19860702 (FR)

Application

EP 85402420 A 19851205

Priority

FR 8418805 A 19841210

Abstract (en)

[origin: EP0186566B1] 1. An antiwear and nonskid protective element for a shoe heel of type comprising : an outside first part (12) in which is made locked an inside second part whose the shape and dimensions are practically corresponding with thoses of an opening (14) in the outside part (12) and an element for connection between the said second part and the heel whose head is buried in the top of inside part (16) while the said element is driven into the shoe heel, the said antiwear element being characterized in that : the opening (14) in the outside first part has a cross section surface increasing from the surface of contact of the outside part (12) with the heel (10) to the free end surface ; and in that the inside second part (16) is able to be fitted into said opening and is made integral with the first part after driving of the connecting element in the shoe heel.

Abstract (fr)

Selon des perfectionnements apportés au système de protection de talon dit "bon-bout", l'élément selon l'invention comporte deux parties encliquetables (14, 16) de forme tronconique, la tête ouverte en forme de crochet (24') d'une goupille (22') à corps creux et munie de cannelures (28) servant de support et liaison avec la partie interne surmoulée (16). Ainsi l'organe de fixation (22') dans le talon (10) de chaussure est fermement maintenu en place et sa tête noyée (24') ne peut se trouver en contact avec le sol.

IPC 1-7

A43B 21/42

IPC 8 full level

A43B 13/24 (2006.01); **A43B 21/24** (2006.01); **A43B 21/36** (2006.01)

CPC (source: EP US)

A43B 21/24 (2013.01 - EP US); **A43B 21/36** (2013.01 - EP US)

Citation (search report)

- [Y] DE 1875429 U 19630711 - NAGENBORG HEINRICH [DE]
- [Y] US 3186112 A 19650601 - BALL ARTHUR F
- [Y] FR 1304663 A 19620928
- [A] FR 2474286 A1 19810731 - MAUNOIR STE NLE ETS [FR]

Designated contracting state (EPC)

DE GB IT NL

DOCDB simple family (publication)

EP 0186566 A1 19860702; **EP 0186566 B1 19890315**; DE 3568692 D1 19890420; ES 296297 U 19870801; ES 296297 Y 19880216; FR 2574260 A1 19860613; FR 2574260 B1 19880226; JP S61179106 A 19860811; US 4922629 A 19900508

DOCDB simple family (application)

EP 85402420 A 19851205; DE 3568692 T 19851205; ES 296297 U 19851206; FR 8418805 A 19841210; JP 27665785 A 19851209; US 35580789 A 19890522