

Title (en)
Injection-moulded thermoplastic toe cap.

Title (de)
Gespritzte Schuhkappe aus thermoplastischem Kunststoff.

Title (fr)
Embout de chaussure en matière thermoplastique moulé par injection.

Publication
EP 0219633 A1 19870429 (DE)

Application
EP 86111046 A 19860809

Priority
DE 3529999 A 19850822

Abstract (en)
1. Injection-moulded shoe cap made of thermoplastic for safety shoes, consisting of a reinforced front wall (2) with reinforced side walls (3) adjacent on both sides, the upper edges of which are joined by a plate (4) and the lower edges of which have edge strips (5) which can in turn be joined via a bottom bar (6) or at least partly constructed as a bottom plate (7), characterized in that the reinforcement of the front wall (2) and of the side walls (3) in the edge region of the plate (4) is formed at the top by a bulge (9) which is raised above the plate and at the same time is a stiffening for the corner (8) which turns at that point.

Abstract (de)
Bei der Sicherheitsschuhkappe (1) ist ein Wulst (9) über der Stirnwand (2) bzw. Seitenwand (3) ausgebildet, der den oberen Rand (B) aussteift und somit die Stoßenergie von herabfallenden Gegenständen aufnimmt.

IPC 1-7
A43B 23/17; **A43B 7/32**

IPC 8 full level
A43B 7/32 (2006.01); **A43B 21/22** (2006.01); **A43B 23/02** (2006.01); **A43B 23/08** (2006.01); **A43B 23/17** (2006.01)

CPC (source: EP)
A43B 23/087 (2013.01)

Citation (search report)
• [X] EP 0021612 A1 19810107 - FIRTH CLEVELAND ENG [GB]
• [A] GB 2071989 A 19810930 - BRITTON LTD G B
• [A] FR 2525443 A1 19831028 - AGULHON MICHEL [FR]
• [A] EP 0100181 A1 19840208 - ICI PLC [GB]

Cited by
DE4320312A1; WO2022179693A1

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
DE 3529999 A1 19870226; DE 3665660 D1 19891026; EP 0219633 A1 19870429; EP 0219633 B1 19890920; ES 2001386 A6 19880516; JP S6247301 A 19870302

DOCDB simple family (application)
DE 3529999 A 19850822; DE 3665660 T 19860809; EP 86111046 A 19860809; ES 8601252 A 19860821; JP 18973786 A 19860814