

Title (en)

Protective toe cap.

Title (de)

Zehen-Schutzkappe.

Title (fr)

Coquille de protection des orteils.

Publication

**EP 0021612 A1 19810107 (EN)**

Application

**EP 80301743 A 19800527**

Priority

GB 7920020 A 19790608

Abstract (en)

A toe cap for safety footwear is moulded from fibre reinforced plastics material and incorporates a thickened forward part (12) which tapers gradually and merges smoothly with the main part of the toe cap. The rear edge (14) of the toe cap is further tapered. An integral flange (15) strengthens the lower edge of the toe cap.

IPC 1-7

**A43B 23/08**; **A43C 13/14**; **A43B 7/32**

IPC 8 full level

**A43B 7/32** (2006.01); **A43B 23/08** (2006.01)

CPC (source: EP)

**A43B 7/32** (2013.01); **A43B 23/087** (2013.01)

Citation (search report)

- US 2151554 A 19390321 - JOSEPHSON HELMER G
- US 2747303 A 19560529 - ABRAHAMS LILLIAN L
- US 1726198 A 19290827 - EUGEN STAHL
- GB 1220846 A 19710127 - ELKINS MARCEL JOSEF [GB]

Cited by

US5137748A; EP0769258A1; FR2515706A1; FR2525443A1; FR2693087A1; EP0239313A3; US4735003A; US4862606A; GB2138272A; EP0100181A1; GB2127275A; DE3529999A1; EP0219633A1; WO8604490A1

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