

Title (en)
Safety toe cap

Title (de)
Zehenschutzkappe

Title (fr)
Embout de sécurité

Publication
EP 2740379 A1 20140611 (EN)

Application
EP 12196272 A 20121210

Priority
EP 12196272 A 20121210

Abstract (en)
The present invention relates to a safety toe cap (10) for mounting in a shoe (20), which safety toe cap (10) is arranged with a fibrous coating (13,14) on at least one of its sides (11,12) to create an air gap between the safety toe cap and a section (21, 22) of the shoe (20) facing the fibrous coating (13,14). Advantageously, by providing the safety toe cap with a fibrous coating on at least one of its inside (12) or outside (11), an air gap is created between the safety toe cap (10) and a section (11,12) of the shoe (20) facing the coating. This has the effect that the shoe (20) is not in direct contact with the at least one side (11,12) of the safety toe cap being coated, thereby reducing transfer of cold from the shoe (20) to the toe cap (10) and ultimately to a wearer's foot. Instead, the air in the gap created will be warmed up and thus have a warming effect on the toe cap (10). Further advantageous is that the coating (13,14) is fibrous, hence convection of warmed-up air in the gap is prevented since the fibrous coating will cause a frictional force to act on the air mass in the gap thereby preventing downdraft of the warmed-up air.

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