

Title (en)  
WATERTIGHT FOOTWEAR COMPRISING AN ELASTIC CONNECTING STRIP

Title (de)  
WASSERDICHTES SCHUHWERK MIT ELASTISCHEM VERBINDUNGSBAND

Title (fr)  
CHAUSSURE IMPERMEABLE COMPRENANT UNE BANDE DE LIAISON ELASTIQUE

Publication  
**EP 1578222 B1 20140326 (DE)**

Application  
**EP 03814470 A 20031229**

Priority  
• DE 10300012 A 20030102  
• EP 0314945 W 20031229

Abstract (en)  
[origin: WO2004060094A1] The invention relates to a section of a shoe, comprising a lower end, an upper material having an upper end (19), a watertight functional layer (16) comprising a lower end region with an area (20) which is not covered by the upper material, and a connecting strip (17) extending in the peripheral direction of the section. Said connecting strip comprises an upper longitudinal side (23) connected to the upper material end (19) and a lower longitudinal side (25), at least partially overlaps the functional layer area (20), and consists of a liquefiable sealing material or a material through which a liquid sealing material (37; 41) can flow. Said connecting strip (17) has a curved profile corresponding to the local curvature radius, at curvature points of the lower part of the upper material end (19), the two longitudinal sides (23, 25) having a stronger or weaker curvature, in such a way that, for an arc sector located in the respective curvature and having a pre-determined unitary sector angle, the arc lengths of the two longitudinal sides (23), relating to said arc sector, differ even more the stronger the curvature in the respective arc sector.

IPC 8 full level  
**A43B 7/12** (2006.01); **A43B 9/00** (2006.01)

CPC (source: EP US)  
**A43B 7/125** (2013.01 - EP US); **A43B 9/00** (2013.01 - EP US)

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)  
**DE 10300012 A1 20040722**; AU 2003300557 A1 20040729; CN 100508808 C 20090708; CN 1731942 A 20060208; EP 1578222 A1 20050928; EP 1578222 B1 20140326; HK 1088193 A1 20061103; JP 2006512132 A 20060413; JP 4237706 B2 20090311; US 2006248751 A1 20061109; US 2010064453 A1 20100318; US 8281502 B2 20121009; US 8307483 B2 20121113; WO 2004060094 A1 20040722

DOCDB simple family (application)  
**DE 10300012 A 20030102**; AU 2003300557 A 20031229; CN 200380107708 A 20031229; EP 0314945 W 20031229; EP 03814470 A 20031229; HK 06108797 A 20060808; JP 2004564229 A 20031229; US 54096303 A 20031229; US 57044109 A 20090930