

Title (en)

Movable studs for sports footwear

Title (de)

Bewegbare Stollen für Sportschuhe

Title (fr)

Crampons mobiles pour chaussures de sport

Publication

**EP 0783845 A2 19970716 (EN)**

Application

**EP 96500157 A 19961204**

Priority

ES 9502388 A 19951204

Abstract (en)

It consists in incorporating a metal female part (4) provided with an internally hollow emergent rod (3), provided or not with a helical thread, which will emerge through a reinforcing area (8) provided with an opening (8') having a cavity or recess inside the sole in which the female part (4) is incorporated, in cooperation with two side fixing parts (6) and (6'), or else in a sole provided with circular reinforcements (11) having a cross-like opening (11') which enable multidirectional movements, in cooperation with fixing parts (5) provided with bores (5') in the case of the multidirectional parts, along with an external coupling of a protecting part (12) carrying a bore (12') through which the threaded or non-threaded rods of the studs extend, or else with the cooperation of an elongated part (9), in the bidirectional embodiment, provided with a central bore (9') and acting in the same way as the part (12) as an anchorage protection. <IMAGE>

IPC 1-7

**A43C 1/00**

IPC 8 full level

**A43B 13/26** (2006.01); **A43C 15/16** (2006.01)

CPC (source: EP)

**A43B 13/26** (2013.01); **A43C 15/161** (2013.01)

Cited by

US6647647B2; US7430819B2; WO03043457A1; WO2015077270A1; US6301806B1; US6421937B2; US9883716B2; EP0815759A2

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