

Title (en)

OUTER SOLE WITH STUDS FOR SPORTS FOOTWEAR, IN PARTICULAR FOR FOOTBALL SHOES

Publication

EP 0090884 B1 19850703 (DE)

Application

EP 82109445 A 19821013

Priority

DE 3212980 A 19820407

Abstract (en)

[origin: US4414763A] A sole for a sports shoe comprises a plurality of fixing protrusions projecting from the underside of the sole, and a sleeve member which is fitted over each protrusion. The protrusion has a shoulder defining a retaining surface engaged by latching hooks on the sleeve member. In the engaged position of the latching hooks, a portion thereof still projects outwardly of the sleeve member. A cap-like member defining a gripping projection or stud is fitted over the sleeve member on each protrusion, and is engaged with the outwardly projecting portions of the latching hooks so as to be retained in place, while also securing the latching hooks engaged with the retaining surface of the shoulder.

IPC 1-7

A43B 13/26; **A43C 15/16**

IPC 8 full level

A43B 5/02 (2006.01); **A43B 13/22** (2006.01); **A43B 13/26** (2006.01); **A43C 15/16** (2006.01)

CPC (source: EP KR US)

A43B 13/22 (2013.01 - KR); **A43B 13/26** (2013.01 - EP US); **A43C 15/161** (2013.01 - EP US)

Cited by

USRE40460E; US6108944A; US5617653A; US5743029A; US6151805A; US6463681B1; WO9218027A1

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AT CH FR GB IT LI NL

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EP 0090884 A1 19831012; **EP 0090884 B1 19850703**; AR 230559 A1 19840531; AT E14070 T1 19850715; AU 8987882 A 19831013; BR 8206970 A 19840508; DE 3212980 C1 19831027; ES 276270 U 19840801; ES 276270 Y 19850301; JP S58200701 A 19831122; KR 840004351 A 19841015; KR 860000597 B1 19860522; US 4414763 A 19831115; YU 39183 A 19860430; ZA 828335 B 19830928

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EP 82109445 A 19821013; AR 29156482 A 19821210; AT 82109445 T 19821013; AU 8987882 A 19821028; BR 8206970 A 19821201; DE 3212980 A 19820407; ES 276270 U 19821122; JP 6151183 A 19830407; KR 830001414 A 19830406; US 41990982 A 19820920; YU 39183 A 19830218; ZA 828335 A 19821112