

Title (en)

Sole for shoes for football, rugby or the like with variable-configuration studs

Title (de)

Sohle für Fussball-, Rugby- oder ähnliche Schuhe, mit Dorne mit veränderlicher Konfiguration

Title (fr)

Semelle pour chaussures de football, rugby ou analogue, avec crampons de configuration variable

Publication

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Application

**EP 97830332 A 19970702**

Priority

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Abstract (en)

[origin: EP0815759A2] A studded sole (10) for shoes for soccer, rugby or the like, comprising one or more orientatable studs (12) whose transverse cross-section has asymmetries with respect to one or more preferential orientation axes; each stud (12) having a shaped tang (14) which can be inserted in a complementarily shaped recess (15) formed in the sole tread (13), which allows the stud (12) to assume a plurality of stable active positions, each active position setting a specific orientation of the stud (12). Elements (16) for anchoring the stud to the sole are also provided. <IMAGE>

IPC 1-7

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

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [X] US 3577663 A 19710504 - MERSHON HOWARD BRUCE
- [X] DE 3134817 A1 19830310 - UHL SPORTARTIKEL KARL [DE]
- [X] DE 1073907 B
- [E] WO 9839985 A1 19980917 - GARBOLINO CATHERINE [FR], et al
- [A] GB 533549 A 19410214 - THOMAS BERRY GREEN
- [A] EP 0451379 A1 19911016 - CHEN CHI MING [TW]
- [A] US 3352034 A 19671114 - BRAUN WILLIAM E

Cited by

DE102008025289A1; DE10055771A1; GB2341308A; GB2341308B; DE19850449A1; DE19850449B4; DE19817579A1; DE19817579C2; EP2225961A1; FR2864883A1; FR2835712A1; DE10296111B4; CN106998856A; GB2481889A; GB2481889B; WO2018132858A1; WO0015068A1; US6357146B1; WO0237996A1; US6915597B2; US6647647B2; WO03055341A2; US10130143B2; EP0998862A1; US6301806B1; US6421937B2; US7430819B2; EP3108761A1; WO2005072551A1; WO03043457A1; WO2016069288A1

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