Title (en)
  Studded footwear.

Title (de)
  Schuh mit Dornen.

Title (fr)
  Chaussure à crampons.

Publication
  EP 0282257 B1 19931201 (EN)

Application
  EP 88301981 A 19880308

Priority
  GB 8705619 A 19870310

Abstract (en)
  [origin: EP0282257A2] An internally screw-threaded socket (1) for incorporation in an article of footwear, such as a golf shoe, is provided on its outer surface with teeth (5). A stud for use with the socket includes a flange (12) and an externally screw-threaded spigot which projects upwards from the flange and can be screwed into the socket. Teeth (14) on the stud, spaced outwards from the spigot, interengage the teeth on the socket when the spigot is screwed into the socket and prevent the stud being freely unscrewed. The teeth on the stud and socket may be ratchet-shaped so as to make it easier to screw the stud to the socket than to unscrew it from the socket. The teeth on the stud are preferably frangible so that at least some of them break off when the stud is unscrewed for replacement. The teeth may be so spaced and located that, irrespective of the relative rotational positions of the stud and socket, at least some of the teeth on the stud are free to assume their natural shape rather than being deformed by contact with the teeth on the socket.

IPC 1-7
  A43C 15/16

IPC 8 full level
  A43B 5/00 (2006.01); **A43C 15/02** (2006.01); **A43C 15/16** (2006.01); **F16B 39/32** (2006.01)

CPC (source: EP KR)
  A43B 5/001 (2013.01 - EP); **A43C 15/16** (2013.01 - KR); **A43C 15/161** (2013.01 - EP)

Cited by
  AU642251B2; GB2252715A; GB2252715B; US5887371A; US6094843A; US6209230B1; WO9115131A1; WO9104685A1; US7946062B2; US7559160B2; US7137213B2; US6301806B1; US6421937B2

Designated contracting state (EPC)
  AT BE CH DE ES FR GR IT LI LU NL SE

DOCDB simple family (publication)
  EP 0282257 A2 19880914; **EP 0282257 A3 19900307**; **EP 0282257 B1 19931201**; AT E97786 T1 19931215; AU 1268088 A 19880908; AU 611671 B2 19910620; CA 1337623 C 19951128; DE 3885918 D1 19940113; DE 3885918 T2 19940616; ES 2048200 T3 19940316; GB 2202916 A 19881005; GB 2202916 B 19910904; GB 8705619 D0 19870415; GB 8805473 D0 19880407; JP 2622266 B2 19970618; JP S63262102 A 19881028; KR 880010708 A 19881024; KR 970000473 B1 19970113; PT 86950 A 19890330; PT 86950 B 19950331; ZA 881693 B 19891129

DOCDB simple family (application)
  EP 88301981 A 19880308; AT 88301981 T 19880308; AU 1268088 A 19880307; CA 560963 A 19880309; DE 3885918 T 19880308; ES 88301981 T 19880308; GB 8705619 A 19870310; GB 8805473 A 19880308; JP 5733288 A 19880310; KR 880002498 A 19880310; PT 8695088 A 19880310; ZA 881693 A 19880309