

Title (en)  
SHOE WITH CENTRAL CLASP.

Title (de)  
SCHUH MIT EINEM ZENTRALVERSCHLUSS.

Title (fr)  
CHAUSSURE AVEC FERMETURE CENTRALE.

Publication  
**EP 0559648 A1 19930915**

Application  
**EP 91914050 A 19910805**

Priority  
• DE 9016325 U 19901130  
• DE 9100633 W 19910805

Abstract (en)  
[origin: WO9209216A1] The invention concerns a shoe, in particular a shoe for sport, leisure or rehabilitation purposes, with a centrally positioned clasp mounted on a dimensionally stable instep covering which can be moved towards or away from the instep. The clasp is designed so that it can be used with shoes having uppers made of material which is flexible with respect to tensional forces, i.e. with shoes which do not have dimensionally stable sheath-like uppers. This is achieved by virtue of the fact that the centrally positioned clasp (24) is fitted on a mounting plate (23) which is attached to a flexible tongue (15). The mounting plate (23) is significantly smaller than the length on the instep (26), thus allowing substantial parts of the tongue (15) to remain flexible.

Abstract (fr)  
Chaussure, en particulier une chaussure de sport, de loisir ou de rééducation, comportant une fermeture centrale prévue sur un recouvrement indéformable du coup-de-pied, lequel recouvrement est mobile vers ou à partir de ce dernier. La fermeture doit être conçue de sorte à pouvoir être utilisée pour des chaussures avec une matière flexible pour tiges qui soit souple aux efforts de traction dans la zone de la fermeture, donc dans le cas de chaussures sans éléments de tige indéformables en forme de coque. Ceci est obtenu essentiellement par le fait que la fermeture centrale (24) est munie d'une plaque de maintien (23) fixée sur une languette souple et élastique (15). La plaque de maintien (23) est considérablement moins grande que la longueur du coup-de-pied (26). De cette manière, les parties principales de la languette (15) restent flexibles.

IPC 1-7  
**A43C 11/16**

IPC 8 full level  
**A43B 5/00** (2006.01); **A43B 23/02** (2006.01); **A43C 11/00** (2006.01); **A43C 11/14** (2006.01); **A43C 11/16** (2006.01); **A43C 11/20** (2006.01)

CPC (source: EP)  
**A43B 1/0072** (2013.01); **A43C 11/00** (2013.01); **A43C 11/20** (2013.01); **A43D 999/00** (2013.01)

Citation (search report)  
See references of WO 9209216A1

Cited by  
WO0211575A1; US6757991B2

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

DOCDB simple family (publication)  
**WO 9209216 A1 19920611**; AT E112940 T1 19941115; AU 659782 B2 19950525; AU 8294391 A 19920625; BR 9107105 A 19931109; CA 2097323 A1 19920531; CN 1054273 C 20000712; CN 1061706 A 19920610; CS 362791 A3 19920617; DE 59103300 D1 19941124; DE 9016325 U1 19910620; EP 0559648 A1 19930915; EP 0559648 B1 19941019; ES 2040165 A1 19931001; ES 2040165 B1 19940616; HU 9301592 D0 19931129; HU T65299 A 19940502; IE 914151 A1 19920603; IL 99929 A0 19920818; JP 3162377 B2 20010425; JP H06502775 A 19940331; KR 100191297 B1 19990615; MX 9102291 A 19920708; NZ 240780 A 19931125; PT 8877 T 19940131; TR 26273 A 19950215; YU 187491 A 19940624; ZA 916459 B 19920527

DOCDB simple family (application)  
**DE 9100633 W 19910805**; AT 91914050 T 19910805; AU 8294391 A 19910805; BR 9107105 A 19910805; CA 2097323 A 19910805; CN 91109120 A 19910921; CS 362791 A 19911129; DE 59103300 T 19910805; DE 9016325 U 19901130; EP 91914050 A 19910805; ES 9101926 A 19910823; HU 159293 A 19910805; IE 415191 A 19911129; IL 9992991 A 19911101; JP 51272791 A 19910805; KR 930701585 A 19930527; MX 9102291 A 19911129; NZ 24078091 A 19911128; PT 887793 U 19930908; TR 111491 A 19911126; YU 187491 A 19911128; ZA 916459 A 19910815