

Title (en)  
Improved hook for shoe laces

Title (de)  
Verbesserte Schlaufe für den Schnürsenkel eines Schuhs

Title (fr)  
Perfectionnement pour boucle pour lacets de chaussures

Publication  
**EP 1236411 A1 20020904 (DE)**

Application  
**EP 02003291 A 20020222**

Priority  
DE 10108490 A 20010222

Abstract (en)  
A loop for a shoe lace consists of a rigid open hook (4). The hook open side can be closed by a bendable band (3) which passes through a hook opening. The hook has a J-shape, and the longer arm of the hook can be fixed to the shoe. The end of the band and the longer arm of the hook are fixed to the shoe via a primary connection, and the other end of the band is fixed to the shoe via a secondary connection under the closed hook section. The rigid hook consists of a hard plastic, metal, or fibre glass. The band consists of eg PVC.

Abstract (de)  
Schlaufe für einen Schnürsenkel (1) eines Schuhs, die einen im wesentlichen starren offenen Haken (4) umfasst, dadurch gekennzeichnet, dass die offene Seite des Hakens (4) durch ein im wesentlichen biegsames Band (3) verschlossen wird, das durch eine Öffnung (6) des Hakens (4) geführt ist. <IMAGE>

IPC 1-7  
**A43C 3/00**

IPC 8 full level  
**A43C 3/00** (2006.01)

CPC (source: EP)  
**A43C 3/00** (2013.01)

Citation (applicant)  

- DE 1883745 U 19631128 - STOCKO METALLWARENFAB HENKELS [DE]
- FR 1349832 A 19640117
- EP 0717942 A1 19960626 - SALOMON SA [FR]

Citation (search report)  

- [X] US 5906057 A 19990525 - BORSOI BRUNO [IT]
- [A] FR 1397276 A 19650430 - COMPTOIR DE NOUVEAUTES MONDIAL
- [A] US 1246724 A 19171113 - DAGGETT ROY A [US]
- [DA] US 5761777 A 19980609 - LEICK PATRICK [FR]

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**EP 1236411 A1 20020904; EP 1236411 B1 20071205**; AT E379981 T1 20071215; DE 10108490 A1 20020912; DE 50211303 D1 20080117

DOCDB simple family (application)  
**EP 02003291 A 20020222**; AT 02003291 T 20020222; DE 10108490 A 20010222; DE 50211303 T 20020222