

Title (en)  
TYING TOOL FOR SHOELACE

Title (de)  
SCHNÜRINSTRUMENT FÜR SCHUHBÄNDER

Title (fr)  
OUTIL DE SERRAGE POUR LACET DE CHAUSSURE

Publication  
**EP 2200470 A4 20131120 (EN)**

Application  
**EP 08837849 A 20081002**

Priority  
• KR 2008005810 W 20081002  
• KR 20070103193 A 20071012  
• KR 20080016380 A 20080222

Abstract (en)  
[origin: WO2009048238A2] A device for binding shoelaces is disclosed. The device is provided on shoes having hook rings oppositely formed on both side of the instep thereof, the device comprising a binding member having a clutching plate formed with a clutching recess with a constant distance according to one side thereof; a receiving member having an opened slot at one side thereof so that the clutching plate is inserted in, a magnetic body attached on one side of the slot, and an installing recess formed in the direction vertical to the slot; and an adjusting member having a board typed pressing plate rotatably installed in the installing recess to be selectively attached to the magnetic body and receiving the pressing force, and a stopper protruded from one side of the pressing plate and selectively clutched in the clutching recess. According to a device for binding shoelaces of the present invention, the shoelaces may be safely bound and released since the device including a first binding member having a receiving member and a binding member which are separated from each other by pressure, a second binding member to insure the union for the end of the shoelaces, and third binding member to maintain and adjust the union for the lower end of the shoelaces. Products applied with this device may be expected the satisfaction of its users and its competitive power.

IPC 8 full level  
**A43C 11/14** (2006.01); **A43B 1/00** (2006.01); **A43C 1/00** (2006.01); **A43C 1/04** (2006.01); **A43C 7/00** (2006.01); **A43C 7/08** (2006.01); **A43C 11/00** (2006.01)

CPC (source: EP US)  
**A43B 1/0054** (2013.01 - EP US); **A43C 1/003** (2013.01 - EP US); **A43C 1/04** (2013.01 - EP US); **A43C 7/00** (2013.01 - EP US); **A43C 7/08** (2013.01 - EP US); **A43C 11/008** (2013.01 - EP US); **A43C 11/146** (2013.01 - EP US); **Y10T 24/3705** (2015.01 - EP US); **Y10T 24/3724** (2015.01 - EP US); **Y10T 24/3742** (2015.01 - EP US); **Y10T 24/375** (2015.01 - EP US)

Citation (search report)  
• [A] KR 200409510 Y1 20060224  
• [A] US 2006053658 A1 20060316 - VOUGHLOHN DEE [US]  
• [A] US 2007234523 A1 20071011 - LAKS DAVID A [US]  
• [A] US 837331 A 19061204 - MCDANIEL WILLIAM A [US]  
• [A] GB 2021383 A 19791205 - ADAMS T M  
• See references of WO 2009048238A2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2009048238 A2 20090416; WO 2009048238 A3 20090528**; BR PI0816622 A2 20150310; CN 101820789 A 20100901; EP 2200470 A2 20100630; EP 2200470 A4 20131120; JP 2011500128 A 20110106; US 2010218349 A1 20100902

DOCDB simple family (application)  
**KR 2008005810 W 20081002**; BR PI0816622 A 20081002; CN 200880111152 A 20081002; EP 08837849 A 20081002; JP 2010528790 A 20081002; US 68278108 A 20081002