

Title (en)

TURN-LOCK FASTENER, ESPECIALLY FOR SHOES

Title (de)

DREHVERSCHLUSS, INSBESONDERE FÜR SCHUHE

Title (fr)

FERMETURE DEMI-TOUR, NOTAMMENT POUR CHAUSSURES

Publication

EP 1259134 A1 20021127 (DE)

Application

EP 01913711 A 20010226

Priority

- DE 0100715 W 20010226
- DE 20003854 U 20000302

Abstract (en)

[origin: US6711787B2] The invention relates to a turn-lock fastener (2) for detachably adjusting and varying the effective length of at least one tensioning element (6) with a winding device which can be actuated at least in a closing direction via a turning grip (13) that can be actuated around a central axis (2.1). The inventive turn-lock fastener should be designed in such a way that it can be easily inserted into a base plate (1) and can be easily removed therefrom. To this end, the turn-lock fastener (2) and the base plate (1) are interconnected in an articulated manner via a turning joint (1.3, 1.4) in such a way that the turn-lock fastener (2) can be pivotally folded down like a flap to the base plate (1) and can thereby be locked with the same or the turn-lock fastener can be folded away from the base plate and can thereby be unlocked from the same.

IPC 1-7

A43C 11/16

IPC 8 full level

A43C 11/16 (2006.01)

CPC (source: EP KR US)

A43C 11/16 (2013.01 - EP US); **A43C 11/165** (2013.01 - EP KR US); **Y10T 24/2106** (2015.01 - EP US); **Y10T 24/2142** (2015.01 - EP US);
Y10T 24/216 (2015.01 - EP US); **Y10T 24/2183** (2015.01 - EP US); **Y10T 292/205** (2015.04 - EP US); **Y10T 292/68** (2015.04 - EP US)

Cited by

DE202015100331U1; US11344086B2; US11805865B2

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)

US 2003020288 A1 20030130; US 6711787 B2 20040330; AT E310410 T1 20051215; AU 3919501 A 20010912; BR 0108739 A 20021217;
CN 1208004 C 20050629; CN 1426279 A 20030625; DE 20003854 U1 20010712; DE 50108166 D1 20051229; EP 1259134 A1 20021127;
EP 1259134 B1 20051123; ES 2251467 T3 20060501; JP 2003524494 A 20030819; JP 3759717 B2 20060329; KR 100555607 B1 20060303;
KR 20020075934 A 20021007; WO 0164069 A1 20010907; WO 0164069 A8 20011108; WO 0164069 A8 20021205

DOCDB simple family (application)

US 22042102 A 20020903; AT 01913711 T 20010226; AU 3919501 A 20010226; BR 0108739 A 20010226; CN 01805853 A 20010226;
DE 0100715 W 20010226; DE 20003854 U 20000302; DE 50108166 T 20010226; EP 01913711 A 20010226; ES 01913711 T 20010226;
JP 2001562973 A 20010226; KR 20027011288 A 20020828