

Title (en)
Fastener

Title (de)
Verschluss

Title (fr)
Fermoir

Publication
EP 1477078 A1 20041117 (FR)

Application
EP 04006067 A 20040315

Priority
FR 0305733 A 20030513

Abstract (en)
The clasp has male and female parts (10,20) with connection units (11,21) at an end associated with a lace (2). The female part has a cavity (25) extending opposite to the connection unit for receiving a mandrel (15) of the male part. The cavity has a lug (26) intended to cooperate with a groove (16) of the mandrel for locking the male part in the female part. An independent claim is also included for a lace end connecting system comprising the clasp.

Abstract (fr)
Fermoir notamment pour cordon ou lacet (2), caractérisé en ce qu'il comporte une partie mâle (10) et une partie femelle (20) comportant des moyens de connexion mutuelle (16, 26), en ce que chaque partie mâle (10) / femelle (20) comporte des moyens de raccordement (11, 21) à une extrémité associée (2a) du cordon / lacet (2) et en ce que chaque partie mâle (10) / femelle (20) comporte des moyens de guidage (15, 25) complémentaires en vue de faciliter leur engagement / dégagement. <IMAGE>

IPC 1-7
A43C 7/00

IPC 8 full level
A43C 7/00 (2006.01)

CPC (source: EP US)
A43C 7/00 (2013.01 - EP US); **Y10T 24/3789** (2015.01 - EP US)

Citation (search report)

- [X] US 1284972 A 19181119 - ANTHONY MARCUS O [US]
- [X] US 2009330 A 19350723 - TATE JAMES E
- [X] US 911573 A 19090209 - CROOKS JOHN [US]
- [X] US 544349 A 18950813
- [X] US 2451247 A 19481012 - HERMAN SIMS

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1477078 A1 20041117; EP 1477078 B1 20090729; AT E437583 T1 20090815; CN 1550166 A 20041201; CN 1550166 B 20101013; DE 602004022219 D1 20090910; FR 2854773 A1 20041119; FR 2854773 B1 20051209; US 2004226151 A1 20041118; US 7082652 B2 20060801

DOCDB simple family (application)
EP 04006067 A 20040315; AT 04006067 T 20040315; CN 200410043138 A 20040512; DE 602004022219 T 20040315; FR 0305733 A 20030513; US 84155904 A 20040510