

Title (en)  
Binding with an offset energy

Title (de)  
Bindung mit versetzter Energie

Title (fr)  
Fixation a energie deportee

Publication  
**EP 1440713 B1 20080123 (FR)**

Application  
**EP 03028041 A 20031208**

Priority  
FR 0300811 A 20030121

Abstract (en)  
[origin: FR2850031A1] The device has a connecting unit (14) which is susceptible to move itself in relation to an article of sport between a low position and a high position. An elastic back-motion system of the unit (14) moves the unit (14) towards its low position. The system has an elastic unit bound to an article of sport. A flexible bond connects the elastic unit to the connecting unit and co-operates with a reference unit.

IPC 8 full level  
**A63C 9/00** (2006.01); **A63C 9/20** (2006.01); **A43B 5/04** (2006.01); **A63C 1/28** (2006.01); **A63C 9/085** (2006.01); **A63C 17/06** (2006.01)

CPC (source: EP US)  
**A43B 5/0413** (2013.01 - EP US); **A43B 5/0496** (2013.01 - EP US); **A63C 1/28** (2013.01 - EP US); **A63C 9/20** (2013.01 - EP US); **A63C 17/065** (2013.01 - EP US); **A63C 2017/0053** (2013.01 - EP US); **A63C 2201/06** (2013.01 - EP US)

Cited by  
EP1839713A1; FR2899121A1; EP1721641A1; FR2885532A1; US7967324B2; US7661695B2; EP1842442A1; US7931292B2

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 PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1440713 A1 20040728; EP 1440713 B1 20080123**; AT E384561 T1 20080215; DE 60318809 D1 20080313; DE 60318809 T2 20090122; FR 2850031 A1 20040723; FR 2850031 B1 20060811; NO 20040244 L 20040722; NO 327546 B1 20090810; RU 2004101728 A 20050627; RU 2288017 C2 20061127; US 2004164519 A1 20040826; US 2006012152 A1 20060119; US 6964428 B2 20051115; US 7320474 B2 20080122

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