

Title (en)
Binding construction with adjustable return energy

Title (de)
Bindungsvorrichtung mit einstellbarer Rückhubenergie

Title (fr)
Dispositif de fixation à énergie de rappel réglable

Publication
EP 1721641 B1 20090722 (FR)

Application
EP 06009136 A 20060503

Priority
FR 0504783 A 20050512

Abstract (en)
[origin: EP1721641A1] The device an elastic return system with a metallic helical wire spring (20) and an adjusting mechanism for adjusting two discreet levels of stiffness of the spring. The return system acts on the shoe by a connection unit which is connected to the device and the shoe. The connection unit has a link rod mounted in an articulated manner on the device. A flexible attachment (30) connects a front end of the spring to a hook and then to the shoe.

IPC 8 full level
A63C 9/18 (2006.01); **A63C 9/20** (2006.01)

CPC (source: EP)
A63C 9/18 (2013.01); **A63C 9/20** (2013.01); **A63C 2201/06** (2013.01)

Cited by
CN106744310A; US11020650B2; WO2018112489A1; WO2019200420A1

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

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EP 1721641 A1 20061115; EP 1721641 B1 20090722; DE 602006007904 D1 20090903; FR 2885532 A1 20061117; FR 2885532 B1 20070803

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