

Title (en)
Safety heel hold-down.

Title (de)
Fersenbacken einer Sicherheitsskibindung.

Title (fr)
Fixation arrière de sécurité.

Publication
EP 0470419 B1 19950419 (DE)

Application
EP 91112198 A 19910719

Priority
DE 4025153 A 19900808

Abstract (en)
[origin: US5176397A] A heel unit of a ski binding has a housing (12) which is resiliently rearwardly deflectably mounted on the ski. A sole clamp (13) having a hold-down member (13') and a pedal element (13''), and also a hand-opening lever (15) are pivotably mounted about a transverse axis (14) in each case. The sole clamp (13) is biased by a release spring (16) into a closed position via a transmission (17, 18) having a deadpoint (26'). The sole clamp (13) can snap into an open position under the action of excessive vertical forces by moving through the deadpoint (26). The sole clamp (13) and the hand-opening lever (15) are pivotally mounted about the same transverse axis (14) which is arranged in the front region of the housing (12). Actuating abutments (19, 20) which cooperate with one another are provided at a radial distance from the transverse axis (14) and an opening moment is transmitted from the hand-opening lever (15) onto the sole clamp (13) via these actuating abutments.

IPC 1-7
A63C 9/084

IPC 8 full level
A63C 9/00 (2012.01); **A63C 9/084** (2012.01); **A63C 9/085** (2006.01); **A63C 9/08** (2012.01)

CPC (source: EP US)
A63C 9/001 (2013.01 - EP US); **A63C 9/0842** (2013.01 - EP US); **A63C 9/0847** (2013.01 - EP US); **A63C 9/0805** (2013.01 - EP US);
A63C 9/0846 (2013.01 - EP US)

Designated contracting state (EPC)
AT CH DE FR LI

DOCDB simple family (publication)
EP 0470419 A2 19920212; EP 0470419 A3 19920520; EP 0470419 B1 19950419; AT E121307 T1 19950515; DE 4025153 A1 19920213;
DE 59105232 D1 19950524; US 5176397 A 19930105

DOCDB simple family (application)
EP 91112198 A 19910719; AT 91112198 T 19910719; DE 4025153 A 19900808; DE 59105232 T 19910719; US 73629691 A 19910729