

Title (en)
Ski boot and ski boot-binding.

Title (de)
Skischuh und Sicherheitsbindung.

Title (fr)
Chaussure de ski et sa fixation.

Publication
EP 0436281 A2 19910710 (EN)

Application
EP 90311849 A 19901030

Priority
• CA 2034779 A 19910123
• US 43384989 A 19891108
• US 43385089 A 19891108

Abstract (en)
A ski boot (12) and a ski boot incorporating a releasable ski binding (14) which attaches the boot to a ski (15). The boot-binding includes a first connecting portion (76) secured to the ski, a second connecting portion (114, 116) secured to the boot, a plunger (88, 134) combination for releasably coupling the first and second connecting portions so that the boot may release in any direction, and an actuation device engaging the plunger combination for maintaining coupling of the first and second coupling portions. The actuation device has a pivotal lever arm mounted for withdrawing one of the plungers and an arm stay secured to the ski boot for releasably retaining the pivotal lever arm (306). The ski boot includes a living hinge (46) in the sole (16) to facilitate walking in the boot, and the hinge may be locked to inhibit the hinging function. The boot extends well above the ankle and is stiffened on the inside or outside to securely mount the arm stay. For retaining a foot in place, the boot includes a foot-enveloping foot positioning device (400) which surrounds the arch and instep of a foot inside the ski boot when the boot is worn. The foot positioning device (400) is adjustable to both fit the foot and also hold the foot at the heel of the boot.

IPC 1-7
A43B 5/04; A43C 11/00; A63C 9/086

IPC 8 full level
A43B 5/04 (2006.01); **A63C 9/085** (2006.01); **A63C 9/086** (2012.01)

CPC (source: EP)
A43B 5/0417 (2013.01); **A43B 5/0472** (2013.01); **A63C 7/1013** (2013.01); **A63C 9/086** (2013.01)

Cited by
WO9414350A1

Designated contracting state (EPC)
AT CH DE FR GB IT LI

DOCDB simple family (publication)
EP 0436281 A2 19910710; EP 0436281 A3 19911106; EP 0436281 B1 19950426; AT E121641 T1 19950515; CA 2034779 A1 19920724; DE 69018954 D1 19950601

DOCDB simple family (application)
EP 90311849 A 19901030; AT 90311849 T 19901030; CA 2034779 A 19910123; DE 69018954 T 19901030