

Title (en)
INJURY PREVENTING SKI BOOT

Title (de)
SKISCHUH MIT EINER ANORDNUNG ZUR VERHINDERUNG VON VERLETZUNGEN

Title (fr)
CHAUSSURES DE SKI ALPIN EMPECHANT LES BLESSURES

Publication
EP 0955819 A1 19991117 (EN)

Application
EP 96944460 A 19961219

Priority
• US 9620203 W 19961219
• US 57472995 A 19951219

Abstract (en)
[origin: WO9722271A1] A ski boot comprising a rigid foot portion having a rigid base and a rigid upper for surrounding essentially a foot of a wearer, a rigid leg element for surrounding essentially a lower portion of a leg of the wearer including a pivot means, the foot portion and the leg element being connected through the pivot means to constitute a forward leaning retention position for said wearer, release and retention mechanism for changing the rigid leg element into a substantially vertical release stop position, said release stop position being the result of a predetermined rearward force on the wearer's leg, the release mechanism comprising an upper arm linkage (54) engaged to a lower arm linkage (56) through a slot (68), the release mechanism converting said rearward force into a substantially downward force which force causes the upper arm linkage to travel downwardly in said slot (68) at which point the lower arm linkage (56) and upper arm linkage (54) contact one another and pivot outwardly from said boot to position the wearer's leg into said release stop position.

IPC 1-7
A43B 5/04

IPC 8 full level
A43B 5/04 (2006.01)

CPC (source: EP)
A43B 5/0427 (2013.01); **A43C 11/1413** (2013.01); **A43C 11/1433** (2013.01)

Designated contracting state (EPC)
DE FR IT

DOCDB simple family (publication)
WO 9722271 A1 19970626; DE 69630405 D1 20031120; DE 69630405 T2 20040819; EP 0955819 A1 19991117; EP 0955819 A4 19991117; EP 0955819 B1 20031015; JP 3449727 B2 20030922

DOCDB simple family (application)
US 9620203 W 19961219; DE 69630405 T 19961219; EP 96944460 A 19961219; JP 52298097 A 19961219