

Title (en)
LATERAL RELEASE FRONT JAWS FOR A SAFETY SKI BINDING

Publication
EP 0352492 A3 19901114 (DE)

Application
EP 89111787 A 19890628

Priority
DE 3825682 A 19880728

Abstract (en)
[origin: EP0352492A2] Lateral release front jaws of a safety ski binding for holding the front end of a ski boot have a trunnion (30) attached to the ski, a release spring (13) arranged essentially in the longitudinal direction of the ski and a sole holder (29) which has two side legs (14) and a holding-down device (15) for the sole. The one-piece sole holder (29) is arranged rotatably on the trunnion (30) and vertically tiltably about a transverse axis (36). A slide bore (37') in a ball guide (37) inside the trunnion (30) is passed through by a connecting rod (38) which bears via a support disk (39), which is fastened to it at the rear, against an essentially plane rear support surface (40) of the trunnion (30). The rear end of the release spring (13) rests on a stop abutment (42) attached to the sole holder so that this stop abutment is pressed against the front support surface (31) of the trunnion (30). The rear support surface (40') of the trunnion (30) or the opposing surface (39') of the support disk (39) above the connecting rod (38) or the support surface (31') of the trunnion (30) or the opposing surface (42') of the abutment (42) below the connecting rod (38) are tilted, in relation to the vertical, on the surface of the ski (22) in such a manner that, within a predetermined height-tilting range (a) of the holding-down device (15), the holding-down force is clearly reduced in relation to the normal release holding-down force. <IMAGE>

IPC 1-7
A63C 9/085

IPC 8 full level
A63C 9/085 (2012.01)

CPC (source: EP US)
A63C 9/08542 (2013.01 - EP US); **A63C 9/0855** (2013.01 - EP US); **A63C 9/08592** (2013.01 - EP US)

Citation (search report)
• [YD] EP 0241360 A1 19871014 - LOOK SA [FR]
• [Y] FR 2527082 A1 19831125 - TMC CORP [CH]
• [A] EP 0179692 A1 19860430 - LOOK SA [FR]

Cited by
FR2652272A2; EP2851108A1; CH708560A1

Designated contracting state (EPC)
AT BE CH DE FR LI

DOCDB simple family (publication)
EP 0352492 A2 19900131; EP 0352492 A3 19901114; EP 0352492 B1 19931124; AT E97588 T1 19931215; CA 1315308 C 19930330; DE 58906238 D1 19940105; JP H0280071 A 19900320; JP H0779859 B2 19950830; US 5007657 A 19910416

DOCDB simple family (application)
EP 89111787 A 19890628; AT 89111787 T 19890628; CA 604586 A 19890630; DE 58906238 T 19890628; JP 19123689 A 19890724; US 37578389 A 19890705