

Title (en)
TOE IRON FOR A SAFETY SKI-BINDING

Publication
EP 0320854 B1 19910828 (DE)

Application
EP 88120746 A 19881212

Priority
DE 3742483 A 19871215

Abstract (en)
[origin: EP0320854A1] The toe iron for a safety ski binding has a housing (15), which is fixed to the ski, a release spring (14) and sole-holder arms (18) which can be swivelled out laterally relative to the housing (15) and fix the tip of the ski boot on the ski (40) in the lateral direction, but, in the case of lateral forces on the tip of the ski boot above a predetermined release value, swivel out laterally counter to the spring force and release the ski boot. The movement clearance (11) between the housing (15) and the sole-holder arms (18), which can be swivelled out, is filled by an elastic lining (12) at least in the regions adjacent to the outside atmosphere radially outside the assigned swivel axle (18), the elasticity of said lining being limited in such a way that the elastic restoring force, produced by squeezing the lining (12) in the boot release position, on the sole-holder arm (18) makes up only a fraction of the restoring force produced by the release spring (14). <IMAGE>

IPC 1-7
A63C 9/085

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

CPC (source: EP US)
A63C 9/0805 (2013.01 - EP US); **A63C 9/08521** (2013.01 - EP US); **A63C 9/08564** (2013.01 - EP US); **A63C 9/001** (2013.01 - EP US); **A63C 9/08592** (2013.01 - EP US)

Cited by
FR2764202A1; FR2758732A1; EP0785002A1; FR2743728A1; EP0856337A1; FR2717400A1; EP0677308A1; EP1637194A1; US6889996B2; US7320476B2; WO9304743A1

Designated contracting state (EPC)
AT CH DE FR LI

DOCDB simple family (publication)
EP 0320854 A1 19890621; EP 0320854 B1 19910828; EP 0320854 B2 19960814; AT E66628 T1 19910915; DE 3742483 C1 19890511; DE 3742483 C2 19940707; DE 3864501 D1 19911002; US 4989893 A 19910205

DOCDB simple family (application)
EP 88120746 A 19881212; AT 88120746 T 19881212; DE 3742483 A 19871215; DE 3864501 T 19881212; US 28414788 A 19881214