Title (en)
  TOE BINDING FOR SKI

Publication
  EP 0025747 B1 19840808 (FR)

Application
  EP 80401262 A 19800904

Priority
  FR 7922955 A 19790914

Abstract (en)
  [origin: US4401318A] Under normal skiing conditions, two lateral arms of a jaw unit cooperate with the toe end of a ski boot in order to maintain the boot in the axis of the ski and are held in position with a force designated as the inherent stiffness of release. When an excessive twisting effort is exerted on the skier's leg, the arms both move in a transverse direction with respect to the ski in order to permit lateral disengagement of the boot. A toe abutment feeler member is in contact with the front end of the boot and cooperates with a spring-loaded piston unit in order to reduce the inherent stiffness of release as well as resistance to torsional disengagement in the event of a forward fall of the skier and/or of an axial thrust exerted by the boot, thus achieving considerably enhanced safety.

IPC 1-7
  A63C 9/085; A63C 9/08

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

CPC (source: EP US)
  A63C 9/001 (2013.01 - EP US); **A63C 9/005** (2013.01 - EP US); **A63C 9/08** (2013.01 - EP US); **A63C 9/08521** (2013.01 - EP US); **A63C 9/0855** (2013.01 - EP US); **A63C 9/08564** (2013.01 - EP US); **A63C 9/08571** (2013.01 - EP US)

Cited by
  FR2585262A2; US5050903A; FR2656806A1; US4763908A; US4903979A; EP0179692A1; US4682786A; FR2571267A1; FR2556603A2; US4699396A; US4679815A; US4893831A; FR2556602A1; US4688822A; WO8904195A1; EP0031740B1; EP0030175B1

Designated contracting state (EPC)
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