

Title (en)
SAFETY SKI BINDING.

Title (de)
SICHERHEITSSKIBINDUNG.

Title (fr)
FIXATION DE SECURITE POUR SKIS.

Publication
EP 0554425 B1 19951102 (DE)

Application
EP 92917596 A 19920821

Priority
• AT 166491 A 19910823
• EP 9201916 W 19920821

Abstract (en)
[origin: WO9303803A1] A safety ski binding has an electronic evaluation circuit (4) connected to electric signal emitting force transducers (4) of an electric current supply (11), for example a battery, and to an electromechanical triggering member that drives a control element for a locking mechanism that engages a movably mounted sole retaining element (17). The electromechanical triggering member is arranged with at least part of the control element in a hermetically sealed housing (6) of a switching module. The control element is designed as a shaft (7) that sealingly crosses the wall of the housing. In order to ensure that the triggering characteristics of such a ski binding are highly insensitive to accelerating forces acting on the triggering mechanism, the electromechanical triggering member is an electric motor (105') that preferably controls by means of a gear a locking system that locks and releases the shaft (7) that acts as a control element.

IPC 1-7
A63C 9/088

IPC 8 full level
A63C 9/088 (2012.01)

CPC (source: EP US)
A63C 9/088 (2013.01 - EP US)

Designated contracting state (EPC)
CH DE FR LI

DOCDB simple family (publication)
WO 9303803 A1 19930304; AT 399290 B 19950425; AT A166491 A 19940915; DE 59204197 D1 19951207; EP 0554425 A1 19930811; EP 0554425 B1 19951102; JP H05506393 A 19930922; US 5411283 A 19950502

DOCDB simple family (application)
EP 9201916 W 19920821; AT 166491 A 19910823; DE 59204197 T 19920821; EP 92917596 A 19920821; JP 50412593 A 19920821; US 5014993 A 19930625