

Title (en)  
SKI-BINDING

Publication  
**EP 0230007 A3 19880323 (DE)**

Application  
**EP 86117553 A 19861217**

Priority  
AT 373885 A 19851223

Abstract (en)  
[origin: US4750372A] A device for detecting the forces acting onto a ski binding or a shoe held in such a binding comprising at least one feeler emitting electrical signals in dependency from the occurring forces and an evaluating circuit processing the signals. In order to be able to calculate the state of fatigue of the skier and, if necessary, the condition of the binding, it is provided that an integrator circuit constructed as a counter is connected after the evaluating circuit, which integrator circuit is connected to an indicating device and which can be reset merely by means of a manually operable switching device. The counter can thereby count either signals of the evaluating circuit corresponding with predetermined impacts, or digital signals corresponding with impacts having an energy content, or signals which correspond with those impacts, the rising and dropping speed of which exceed a limit value.

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)

Citation (search report)  
• [X] FR 2537443 A1 19840615 - SALOMON & FILS F [FR]  
• [Y] WO 8001536 A1 19800807 - BATTELLE MEMORIAL INSTITUTE [CH], et al  
• [A] DE 2736027 A1 19780309 - SALOMON & FILS F  
• [A] FR 2269981 A1 19751205 - ANTONIO NICHOLAS [US]  
• [A] FR 2510898 A1 19830211 - LOOK SA [FR], et al

Designated contracting state (EPC)  
CH DE FR LI

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**EP 0230007 A2 19870729; EP 0230007 A3 19880323; EP 0230007 B1 19910522; AT 384369 B 19871110; AT A373885 A 19870415; DE 3679395 D1 19910627; US 4750372 A 19880614**

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**EP 86117553 A 19861217; AT 373885 A 19851223; DE 3679395 T 19861217; US 94396886 A 19861219**