

Title (en)  
SKI, IN PARTICULAR CROSS-COUNTRY SKI

Publication  
**EP 0162372 A3 19870121 (DE)**

Application  
**EP 85105629 A 19850508**

Priority  
AT 165784 A 19840518

Abstract (en)  
[origin: US4740009A] An apparatus for facilitating optimum adjustment of a cross-country ski, the bending resistance and/or arch of which can be adjusted, includes a sensor connected to a control circuit, and the control circuit is in turn connected to either a drive mechanism which automatically controls the adjustment of the ski or to an indicating device which visually indicates the necessary adjustment to be made manually. The control circuit monitors ski performance at a given adjustment for a predetermined interval, thereafter determines an appropriate adjustment, then monitors ski performance at the new adjustment for the predetermined interval, and so forth. A gearing mechanism powered manually or by an electric motor can be provided to effect the automatic adjustment of the ski in response to an output of the control circuit.

IPC 1-7  
**A63C 5/07**

IPC 8 full level  
**A63C 5/00** (2006.01); **A63C 5/07** (2006.01)

CPC (source: EP US)  
**A63C 5/07** (2013.01 - EP US)

Citation (search report)  
• [Y] DE 8301597 U1 19830623  
• [Y] FR 2510898 A1 19830211 - LOOK SA [FR], et al  
• [A] FR 2340750 A1 19770909 - SALOMON & FILS F [FR]  
• [A] FR 2369853 A1 19780602 - SALOMON & FILS F [FR]

Cited by  
US5857694A; DE19744344C1; US6102426A; US6086490A; US5779257A; DE102006035274A1; DE102006035274B4; AT387336B;  
US7160286B2; US6345834B1; US7080849B2; WO9711756A1; US6196935B1; US6485380B2

Designated contracting state (EPC)  
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DE 3575077 D1 19900208; JP S6156673 A 19860322; US 4740009 A 19880426

DOCDB simple family (application)  
**EP 85105629 A 19850508**; AT 165784 A 19840518; DE 3575077 T 19850508; JP 10415085 A 19850517; US 73542285 A 19850517