

Title (en)  
DEVICE FOR VARYING THE RADIAL GEOMETRY OF A SKI PROPORTIONALLY TO ITS FLEXION AND SKI EQUIPPED THEREWITH

Title (de)  
VORRICHTUNG MIT VERÄNDERLICHER RADIALER GEOMETRIE EINER SKI MIT PROPORTIONALE BIEGEFESTIGKEIT UND SKI MIT SOLCHEN VORRICHTUNG

Title (fr)  
DISPOSITIF DE MODIFICATION DE LA GEOMETRIE RADIALE D'UN SKI PROPORTIONNELLEMENT A SA FLEXION ET SKI EQUIPE DE CE DISPOSITIF

Publication  
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Application  
**EP 02771972 A 20021107**

Priority  
• CH 0200603 W 20021107  
• CH 20632001 A 20011108

Abstract (en)  
[origin: US7344148B2] The invention relates to a mechanical device for modifying the radial geometry of a ski, proportionally to its flexion, which includes elements, referred to as transmission elements, which, each interposed between the rod and the ski wherein each transform a relative displacement of the rod, oriented along its longitudinal axis and directed towards one of the ends of the ski (direction S1), into a second displacement oriented along a direction intersecting the longitudinal axis and directed towards the outside of the ski and wherein each apply this displacement at a selected place of the ski so as to bring about, during the relative displacement of the rod, a thrust generating the deformation of this ski along its cross-section, transverse deformation translated, in particular, through a spacing apart in the upper part of the ski and through the desired modification of the geometry of the lower face of this ski.

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