

Title (en)

SKI BOARD WITH GEOMETRICALLY CONTROLLED TORSION AND FLEX

Title (de)

SNOWBOARD MIT GEOMETRISCHER KONTROLLE DER TORSION UND DER BIEGSAMKEIT

Title (fr)

SKI COMPACT A TORSION ET FLEXION CONTROLEES GEOMETRIQUEMENT

Publication

**EP 1058573 B1 20030604 (EN)**

Application

**EP 99904499 A 19990201**

Priority

- US 9902093 W 19990201
- US 2842098 A 19980224

Abstract (en)

[origin: WO9943397A1] A ski board (10) having geometrically controlled torsion and flex is shown and described. The top surface of the ski board (10) is contoured to have a raised profile area (16) extending from a tip (17) of the ski towards the center (14) of the ski, and another raised profile area (24) extending from the tail (25) towards the center of the ski. The top surface of the ski board is further contoured to have concave areas (19, 20, 26, 27) extending laterally from opposite sides of each of the raised profile areas to the edges (21, 22) of the ski board. In this manner, the front region (12) and rear region (13) of the ski board are each provided with a stiff central portion and a torsionally soft portion on either side of the stiff central portion. The soft torsional characteristics of the ski allow it to twist around the stiff central portions, providing increased edge contact with the snow, which in turn increases the stability of the ski.

IPC 1-7

**A63C 5/07**; **A63C 5/03**

IPC 8 full level

**A63C 5/03** (2006.01); **A63C 5/07** (2006.01); **A63C 5/12** (2006.01)

CPC (source: EP)

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Cited by

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