

Title (en)

WATERSKI WITH IMPROVED TORSIONAL CHARACTERISTICS

Title (de)

WASSERSKI MIT VERBESSERTEN TORSIONSEIGENSCHAFTEN

Title (fr)

SKI NAUTIQUE PRÉSENTANT DE MEILLEURES CARACTÉRISTIQUES DE TORSION

Publication

**EP 3119670 A1 20170125 (EN)**

Application

**EP 15717672 A 20150319**

Priority

- RS P20140130 A 20140321
- RS 2015000008 W 20150319

Abstract (en)

[origin: WO2015142204A1] A water ski with improved torsional characteristics delimited on the upper side by the upper surface (2), on the bottom side by a concave surface (3) and on the sides by curvilinear sidewalls (7). The ski has a tip (4) at the front side and a tail (5) on the rear side. On the central part of the ski (1), on the upper surface (2), a longitudinal groove (6) is provided which dept and width reduce torsional and flexural stiffness of the central part of the ski (1) in the extent considerably favourable for a skier. The width of the groove (6) is 30 to 80% of the width of the ski (1), preferably 40 to 50% of the width of the ski (1), and the depth of the groove (6) is 20 to 95% of the thickness of the ski (1), preferably 80 to 95% thickness of the ski (1). The groove (6) alters torsional characteristics of the central part of the ski (1) and therewith makes water skiing easier.

IPC 8 full level

**B63B 35/81** (2006.01)

CPC (source: EP US)

**B63B 32/30** (2020.02 - EP US)

Citation (search report)

See references of WO 2015142204A1

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