

Title (en)

IMPROVED BINDING SYSTEM FOR SKIS WITH THE POSSIBILITY OF LIFTING THE TIP OF THE FOOTWEAR

Title (de)

VERBESSERTES BINDUNGSSYSTEM FÜR SKIER MIT MÖGLICHKEIT ZUM ANHEBEN DER SCHUHSPIITZE

Title (fr)

SYSTÈME DE FIXATION AMÉLIORÉ DESTINÉ À DES SKIS AVEC POSSIBILITÉ DE SOULEVER LA POINTE DE LA CHAUSSURE

Publication

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Application

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Abstract (en)

[origin: WO2011114319A2] The invention describes a binding system for a ski, comprising a support structure mounted on a ski and bearing at least one binding for a boot, which support structure is adapted to take up a first operational configuration, in which it is rigidly mounted on the ski, and a second operational configuration, in which it is articulated to the ski along a transverse axis of rotation behind the boot and is capable of oscillating in a longitudinal plane orthogonal to the ski. The front end of the support structure is connected to the ski by means of a kinematic mechanism which forms a system for guiding the lifting travel of the structure. The binding system is provided with a locking mechanism adapted to switch between a first stable operational position in which the kinematic mechanism is locked, so that the support structure is rigidly bound on the ski, and a second stable operational position in which the kinematic mechanism is released, so that the support structure is capable of oscillating with respect to the ski. The support structure comprises a pair of parallel longitudinal beams, which are articulated at the front end to a pair of arms of the lifting guide system, so that the support structure and its associated lifting guide system define at least one light for removing the snow.

IPC 8 full level

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