

Title (en)

A ski binding as well as a ski and a ski boot provided with such a ski binding.

Title (de)

Skibindung sowie mit einer solchen Skibindung versehener Ski und Skischuh.

Title (fr)

Fixation de ski ainsi que ski et chaussure de ski munis d'une telle fixation.

Publication

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Application

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Priority

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Abstract (en)

A ski-binding for all modes of ski-ing is provided whereby, when the skier's weight is on the ski, relative lateral movement, both angular and translational, between boot and ski is prevented by means of the coupling underfoot of:- One or more central longitudinal downward projections from the underface of the boot engaging within a matching longitudinal groove in the top surface of the ski parallel to the longitudinal axis of the ski. or, conversely, A central longitudinal upward projection from the ski top engaging within a matching longitudinal groove in the underface of a thickened sole and heel of the boot. The boot may be attached to the ski by a hinge connected at or near the toe of the boot, which locates the boot fore and aft, permits the boot to pivot up through about 90 DEG and affords the means to provide pull and push for traction and propulsion and the means for lifting the ski in jump and kick turns. For Downhill Racing a simple heel latch can be added to ensure that during airborne spells, when aerodynamic forces tend to lift the ski tip, the rear of the ski does not consequently drop and thereby relay the lateral constraint.

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Citation (search report)

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