

Title (en)
SAFETY SKI BINDING.

Title (de)
SICHERHEITS-SKIBINDUNG.

Title (fr)
FIXATION DE SECURITE POUR SKI.

Publication
EP 0008580 A1 19800305 (DE)

Application
EP 79900197 A 19790828

Priority
DE 2804986 A 19780206

Abstract (en)
[origin: WO7900591A1] On the upper surface of the ski, where the heel of the ski boot is located, is arranged a sole-plate, perpendicular to the ski axis, which forms part of the safety binding and cannot break loose from it. This plate comprises, at its front head, a front cheek (3) and, at its rear end, an automatic heel-holder (5) operating against a spring so that a front force exceeding the spring strength would lead to the releasing of the ski boot. In order that, whenever an excessive rotating force is applied, the ski boot may be totally released from the sole-plate (2) and consequently from the ski and that, after the releasing of the ski boot, the sole-plate returns to its normal position, the latter comprises, where the big toe and the ski boot heel are located, a slide (15, 16, 17, 18) guiding its displacement while the automatic heel holder (5) has a second degree of freedom. Consequently the release of the ski boot takes place once the strength of a separate spring (36) is exceeded.

Abstract (fr)
Sur la surface superieure d'un ski, a l'endroit du talon du soulier de ski est disposee perpendiculairement a l'axe du ski, une plaque-semelle (2) pivotable qui fait partie de la fixation de securite et qui ne peut s'en echapper. Cette plaque possede a son extremite avant une butee-avant (3) et a son extremite arriere une talonniere automatique (5) mise sous tension par l'action d'un ressort de facon a ce qu'une force frontale superieure a la resistance du ressort provoque la liberation du soulier de ski. Pour que lors d'une force excessive de rotation le soulier puisse malgre tout etre completement libere de la plaque-semelle (2) et par consequent du ski et pour qu'apres la liberation du soulier la plaque-semelle puisse revenir a sa position normale, cette derniere possede a l'endroit du gros-orteil et du talon du soulier de ski une glissiere (15, 16, 17, 18) qui assure son deplacement tandis que la talonniere automatique (5) possede un deuxieme degre de liberte. La liberation du soulier de ski a donc lieu apres un depassement de la resistance d'un ressort separe (36).

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