

Title (en)  
Binding element for alpine skis.

Title (de)  
Bindungselement für einen alpinen Ski.

Title (fr)  
Élément de fixation de ski alpin.

Publication  
**EP 0634196 A1 19950118 (FR)**

Application  
**EP 94107524 A 19940516**

Priority  
FR 9308912 A 19930716

Abstract (en)  
The invention relates to an alpine ski binding comprising, a base (3) joined to the ski, a body (2) mounted on the base, a jaw (4) for holding the boot carried by the body, an energy spring (15) housed in the body to elastically oppose the opening movements of the jaw in response to the stresses of the boot and a support plate (26) on which the boot sole rests. It is characterised in that the support plate (26) is movable in terms of a rolling (rocking) movement and in that the linking means (36, 43) which are sensitive to the rolling movements of the support plate join the support plate to one of the movable members of the binding to lower the resistance force which the boot has to overcome in order to be freed by the jaw in response to a rolling stress exerted on the support plate. <IMAGE>

Abstract (fr)  
L'invention concerne un élément de fixation de ski alpin comprenant, une embase (3) reliée au ski, un corps (2) monté sur l'embase, une mâchoire (4) de retenue de la chaussure portée par le corps, un ressort d'énergie (15) logé dans le corps pour s'opposer élastiquement aux mouvements d'ouverture de la mâchoire en réponse aux sollicitations de la chaussure, une plaque de support (26) sur laquelle repose la semelle de chaussure. Il est caractérisé par le fait que la plaque de support (26) est mobile pour un mouvement de roulis, et que des moyens de liaison (36, 43) sensibles aux mouvements de roulis de la plaque de support relient la plaque de support à l'un des organes mobiles de l'élément de fixation pour abaisser la force de résistance que la chaussure doit vaincre pour être libérée par la mâchoire, en réponse à une sollicitation de roulis exercée sur la plaque de support. <IMAGE>

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Citation (search report)

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**EP 94107524 A 19940516**; AT 94107524 T 19940516; DE 69400106 T 19940516; FR 9308912 A 19930716; JP 14879794 A 19940630; US 75671196 A 19961126