

Title (en)  
SECURITY SKI BINDING WITH HORIZONTALLY SWINGABLE SOLE HOLD-FORMS

Publication  
**EP 0474020 A3 19920805 (DE)**

Application  
**EP 91113928 A 19910820**

Priority  
DE 4027995 A 19900904

Abstract (en)  
[origin: EP0474020A2] A laterally releasable jaw of a safety ski binding for fastening one end of a ski boot 9 has a binding housing 11, in which a release spring 14 is arranged which extends essentially in the longitudinal direction of the ski, is supported at one end on the binding housing 11 and with the other end applies a release force, having an essential component in the longitudinal direction of the ski, to a sole-holder 22, arranged towards the ski boot 9, in the direction away from the ski boot 9 in such a way that, if a predetermined lateral force exerted by the ski boot 9 is exceeded, the sole-holder 22 swivels out laterally about at least one essentially upright swivel axle and releases the ski boot 9. The release spring thereby exerts a force component directed downwards onto the sole-holder which is arranged on the binding housing 11 so as to be displaceable in height along an upright slide guide, with the result that the sole-holder 22 is pressed against the upper side of the ski boot sole 29. In this case, the slide guide 25, 26 has at least two portions 25', 26', 25'', 26'' which are inclined at such different angles to the line of action 27 of the force of the release spring that a centre of rotation M is formed which is arranged with spacing a above the line of action 27 of the force of the release spring.  
<IMAGE>

IPC 1-7  
**A63C 9/085**

IPC 8 full level  
**A63C 9/085** (2012.01); **A63C 9/00** (2012.01)

CPC (source: EP US)  
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• [A] EP 0311832 A1 19890419 - GEZE SPORT [DE]  
• [A] AT 390566 B 19900525 - TYROLIA FREIZEITGERAETE [AT]  
• [AD] EP 0295372 A1 19881221 - GEZE SPORT [DE]

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