

Title (en)  
Auxiliary apparatus for a ski

Title (de)  
Hilfsvorrichtung für Ski

Title (fr)  
Appareil auxiliaire pour ski

Publication  
**EP 0914846 A3 20000202 (EN)**

Application  
**EP 98309164 A 19981110**

Priority  
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Abstract (en)  
[origin: EP0914846A2] The invention provides auxiliary apparatus (10) for a snow ski which comprises a V-shaped elastic body having a first spring (12) and a second elastic plate spring (14), a restraining member (16) and an elastic ring (50), said first elastic plate spring (12) being integrally provided on a ski plate (1), a rear free end portion (14b) of said second elastic plate spring (14) being vertically movable, said restraining member (16) being integrally fixed on said ski plate (1) at a rear end portion (12b) of said first elastic plate (12), said elastic ring (50) being integrally provided under said second elastic plate spring (14) to locate between said first and second plate springs and also in said restraining member (16), and an elastic sheet (58) being integrally mounted on an upper surface of the upper plate spring (14) to locate between the screw openings (14e), (14e) whereby vertical lift can be generated between an upper ski surface and a ski boot (40) in order to obtain greater control and stability for a skier running on an uneven snow surface. <IMAGE>

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**A63C 9/003** (2013.01)

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• [A] WO 9712650 A1 19970410 - GYR KAJ [US]  
• [A] US 4139214 A 19790213 - MEYER HANS  
• [A] EP 0230989 A2 19870805 - MEYER HANS  
• [A] US 5129668 A 19920714 - HECHT LEONARD [CA]

Cited by  
FR2873590A1; WO0170348A1

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