

Title (en)  
Safety ski binding with sole hold-down.

Title (de)  
Sicherheitsvorderbacken einer Skibindung.

Title (fr)  
Butée avant d'une fixation de sécurité de ski.

Publication  
**EP 0429890 B1 19940928 (DE)**

Application  
**EP 90121137 A 19901105**

Priority  
DE 3939883 A 19891201

Abstract (en)  
[origin: EP0429890A2] A toe iron of a safety ski binding has a basic body (11) which is to be attached to the ski and at which a sole-holder (13), which holds an inserted ski boot from above and from the sides, is mounted so that it can be pivoted up about a transverse axle (12) arranged in the front end region and at the bottom. The sole-holder has two lateral jaws (17, 18) which can be swivelled out laterally about vertical axles (15, 16) located on both sides of the longitudinal mid-axis (14). A release spring (20), which is accommodated in a hollow space (19) of the sole-holder (13) and extends essentially in the direction of the longitudinal mid-axis (14), prestresses both the lateral jaws (17, 18) and the sole-holder (13) towards their ski boot holding position via a lifting and connecting link mechanism. Via two control levers (23, 24), mounted on the sole-holder (13) about a vertical axis (21, 22) in each case, and a common yoke member (25), the lateral jaws (17, 18) are charged by one end of the release spring (20) which is supported by the other end on the sole-holder (13). Additionally, after overcoming a clearance (26) within the scope of different sole thicknesses of the ski boot to be inserted, the release spring (20) acts via the yoke member (25) on a holding-down cam (27) which is displaceable in the direction of the longitudinal mid-axis (14), is mounted on the sole-holder (13) and interacts with a connecting link wall (28), rising obliquely from the rear to the front, on the basic body (11). <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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Cited by  
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