

Title (en)
Combination of a ski binding and a foot wear.

Title (de)
Skibindung-Skischuh-Kombination.

Title (fr)
Combinaison d'une fixation de ski et d'une chaussure.

Publication
EP 0176952 A1 19860409 (DE)

Application
EP 85112184 A 19850925

Priority
AT 305184 A 19840926

Abstract (en)
1. A ski binding-ski boot combination for a cross-country or touring ski, wherein a holder element (6) for a ski boot (11) to be inserted into the ski binding (1) is mounted for pivoting against the force of a first spring (9) on a base member (4) of the ski binding (1) adapted to be secured to a ski (2), said ski boot (11) being provided with a detent member formed as a transverse axis (14) adapted to be retained on said holder element (6) by a locking member (7) biased by a second spring (8) in the closing direction, said second spring (8) being disposed between said holder element (6) and said locking member (7), said ski boot (11) when inserted into said ski binding (1) being pivotable during a skiing stride together with said holder element (6) and said locking member (7) against the force of said first spring (8), characterized in that said locking member (7) is mounted in a per se known manner on the axis (5) about which said holder element (6) is pivotable, the side of said locking member (7) facing towards the ski boot (11) to be inserted being formed with an engagement portion (7e) for positively engaging a support surface (18) of a mounting portion (12) of said ski boot (11), that said transverse axis (14) acting as said detent member is adapted in a likewise per se known manner to be engaged with a detent location (6a) of said holder element (6), and that said second spring (8) is housed in a cavity defined by respective vertically extending portions of said holder element (6) and said locking member (7) each provided with a recess (6d, 7d).

Abstract (de)
Die Erfindung betrifft eine Skibindung für einen Langlauf-oder Tourenski mit einem Grundkörper (4), an welchem ein gegen die Kraft einer ersten Feder (9) um eine Achse verschwenkbares Halteelement (6) für einen in die Skibindung einzusetzenden Skischuh gelagert ist, wobei der Skischuh mit einem Rastglied versehen ist, welches am Halteelement (6) mittels eines von der Kraft einer zweiten Feder (8) in Schließrichtung beaufschlagten Verriegelungsgliedes (7) festlegbar ist. Der Skischuh verschwenkt beim Abheben des Fußes mit dem Halteelement (6) gegen die Kraft der ersten Feder (9). Das Aussteigen aus der Bindung erfolgt einfacherweise durch das Einsetzen einer Skistockspitze od.dgl. in eine Aufnahmestelle (7b), wobei lediglich die Kraft der zweiten Feder (8) überwunden werden muß. Unerwünschte systembedingte Lockerungen bzw. Ausleierungen werden vermieden, und ein automatisches Einsteigen (step-in) ist ermöglicht.

IPC 1-7
A63C 9/20

IPC 8 full level
A63C 9/20 (2012.01)

CPC (source: EP)
A63C 9/20 (2013.01)

Citation (search report)
• [YD] DE 3002874 A1 19800807 - SALOMON & FILS F [FR]
• [YD] EP 0088673 A1 19830914 - LOOK SA [FR]
• [AD] DE 3151566 A1 19821028 - SALOMON & FILS F [FR]

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DE3633589A1; EP0341822A3; FR2634387A2; FR2634386A2; AT386129B; FR2634134A1; US5087065A; FR2632538A1; FR2632539A1; US4927168A; FR2609378A1; US4949988A

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