

Title (en)

Binding of shoes to sport equipment.

Title (de)

Sohlenbindung für Sportgeräte.

Title (fr)

Fixation de chaussures aux appareils de sport.

Publication

EP 0666091 A3 19960124 (DE)

Application

EP 95100228 A 19950110

Priority

DE 4400373 A 19940111

Abstract (en)

[origin: EP0666091A2] The binding holds the boot for the sports gear and is automatically released, on attaining a limit force value. It has one or more spring elements (15), which abut resiliently a release member (10) via arrester elements (25,26). The spring elements are pref. in the form of compression or tensile springs. Alternately spring loaded shanks may be used, or single- or multi-shank bending springs may find application, e.g. U-shaped springs with two shanks, between which may be located the release member.

IPC 1-7

A63C 9/00

IPC 8 full level

A63C 9/08 (2012.01); **A63C 9/081** (2012.01); **A63C 9/084** (2012.01); **A63C 9/085** (2012.01)

CPC (source: EP)

A63C 9/08 (2013.01); **A63C 9/081** (2013.01); **A63C 9/0844** (2013.01); **A63C 9/0845** (2013.01); **A63C 9/0846** (2013.01); **A63C 9/08521** (2013.01); **A63C 9/0855** (2013.01); **A63C 9/08564** (2013.01); **A63C 9/08578** (2013.01); **A63C 9/08585** (2013.01); **A63C 9/0805** (2013.01)

Citation (search report)

- [X] EP 0055905 A1 19820714 - SCHWARTZ THOMAS A
- [A] DE 2016988 A1 19711021
- [A] DE 2144440 A1 19720406
- [A] US 3811696 A 19740521 - SITTMANN B
- [A] AT 340290 B 19771212 - SMOLKA & CO WIENER METALL [AT]

Designated contracting state (EPC)

AT CH DE FR LI

DOCDB simple family (publication)

DE 4400373 A1 19950713; EP 0666091 A2 19950809; EP 0666091 A3 19960124

DOCDB simple family (application)

DE 4400373 A 19940111; EP 95100228 A 19950110