

Title (en)
UNIVERSAL SKI AND SNOWBOARD BINDING

Title (de)
UNIVERSAL-SKI? UND SNOWBOARD-BINDUNG

Title (fr)
FIXATION DE SKI ET DE SNOWBOARD UNIVERSELLE

Publication
EP 1368098 A4 20080416 (EN)

Application
EP 02717475 A 20020215

Priority
• US 0205174 W 20020215
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• US 26854101 P 20010215
• US 34827402 P 20020115

Abstract (en)
[origin: WO02064222A2] A universal binding apparatus for detachably securing footwear to an article is disclosed . The apparatus includes a base plate and a foot plate. The base plate attaches to the article while the foot plate attaches to the footwear. The base plate includes a toe latch, a heel latch, and a first release. The toe latch is disposed at a front portion of the base plate while the heel latch is disposed at a rear portion of the base plate such that the first release is also disposed between the toe latch and the heel latch. The first release enables either the toe latch or the heel latch to be disengaged from the foot plate. The foot plate includes a toe support and a heel support. The toe support is disposed at a front portion of the shoe plate similar to the front portion of the base plate and while the heel support is disposed at a rear portion of the shoe plate. The shoe plate removably attaches to the base plate with the toe support engaged with the toe latch and the heel support engaged with the heel latch. The first release operates to disengage either the toe latch or the heel latch or both from the foot plate.
[origin: WO02064222A2] A universal binding apparatus (10) for detachably securing footwear (16) to an article is disclosed . The apparatus includes a base plate (14) and a foot plate (18). The base plate (14) attaches to the article while the foot plate (18) attaches to the footwear (16). The base plate (14) includes a toe latch (20), a heel latch (22), and a first release (24). The toe latch (20) is disposed at a front portion of the base plate (14) while the heel latch (22) is disposed at a rear portion of the base plate (14) such that the first release (24) is also disposed between the toe latch (20) and the heel latch (22). The first release (24) enables either the toe latch (20) or the heel latch (22) to be disengaged from the foot plate (18). The foot plate (18) includes a toe support (28) and a heel support (30). The toe support (28) is disposed at a front portion of the shoe plate (18) similar to the front portion of the base plate (14) and while the heel support (30) is disposed at a rear portion of the shoe plate (18). The shoe plate (18) removably attaches to the base plate (14) with the toe support (28) engaged with the toe latch (20) and the heel support (30) engaged with the heel latch (22). The first release (24) operates to disengage either the toe latch (20) or the heel latch (22) or both from the foot plate (18).

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Citation (search report)
• [X] US 3061325 A 19621030 - GLASS HENRY P
• [X] US 6182999 B1 20010206 - BOURDEAU JOEL [FR]
• [X] US 4728116 A 19880301 - HILL KURT J [US]
• [A] DE 8627762 U1 19861211
• See references of WO 02064222A2

Cited by
US9844718B2

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WO 02064222 A2 20020822; **WO 02064222 A3 20021114**; AU 2002248473 C1 20020828; CA 2438669 A1 20020822; CA 2438669 C 20080129; CN 100475296 C 20090408; CN 1520327 A 20040811; EP 1368098 A2 20031210; EP 1368098 A4 20080416; JP 2004523293 A 20040805; JP 2009022769 A 20090205; NZ 528122 A 20040625

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