

Title (en)
SKI BOOT

Publication
EP 0370270 B1 19930414 (DE)

Application
EP 89120092 A 19891030

Priority
CH 430888 A 19881121

Abstract (en)
[origin: JPH02198502A] PURPOSE: To make it possible to correspond to each required condition by a simple structure without being influenced by temperature, by disposing a rubber spring element of a shock absorber for elastically buffering a forward tilting motion between a core piece and a tube piece, and by enabling a member composed of a rubbery elastic material to make a restricted relative rotation between the core piece and the tube piece. CONSTITUTION: This shock absorber 28 comprises a torsion rubber spring element 30', the core piece 32' of which is rigidly joined with a lower shell 14 and is further provided with a tube piece 36 capable of twisting relative to the core piece 32', around which a pull band 40 is fixed, whereby a bolt 42 gives action force to a rear shaft 18 through a nut 44. Also, the shock absorber 28 buffers a forward tilting motion on one hand, and makes a shaft 16 elastically return to a given position or a starting position on the other hand. An article 50 constituted from a rubber elastic material allows 32' and 36 to rotate relatively and restrictedly, thereby giving the rubber spring element 30' an action of a torsion bar. In this case, the rubber body performs a torsional rotary motion, while the spring characteristic thereof is hardly influenced by the ambient temperature within a broad limitation.

IPC 1-7
A43B 5/04

IPC 8 full level
A43B 5/04 (2006.01)

CPC (source: EP US)
A43B 5/0454 (2013.01 - EP US)

Citation (examination)
• FR 957495 A 19500220
• CH 423367 A 19661031 - ROTH WALTER [CH]
• AU 411555 B2 19710305
• JP S51137075 A 19761126 - KANEKO HISAFUMI

Cited by
EP0466032B1

Designated contracting state (EPC)
AT CH DE FR IT LI

DOCDB simple family (publication)
EP 0370270 A1 19900530; EP 0370270 B1 19930414; AT E88066 T1 19930415; CH 679440 A5 19920228; DE 58904072 D1 19930519; JP H02198502 A 19900807; JP H0516842 B2 19930305; US 5088211 A 19920218; US 5088211 B1 19940510

DOCDB simple family (application)
EP 89120092 A 19891030; AT 89120092 T 19891030; CH 430888 A 19881121; DE 58904072 T 19891030; JP 30302289 A 19891121; US 42749589 A 19891027