

Title (en)

DOWNHILL SKIING EQUIPMENT FOR A PERSON WITH A LOWER LIMB DISABILITY

Title (de)

VORRICHTUNG ZUM AUSÜBEN DES ALPINSKILAUFENS FÜR EINEN AN SEINEN BEINEN GEHANDIKAPTEN SKIFÄHRER

Title (fr)

APPAREILLAGE PERMETTANT LA PRATIQUE DU SKI ALPIN A UN SKIEUR HANDICAPE DES JAMBES

Publication

EP 0734278 A1 19961002 (FR)

Application

EP 95903831 A 19941213

Priority

- FR 9401459 W 19941213
- FR 9315015 A 19931214

Abstract (en)

[origin: WO9516504A1] Downhill skiing equipment for a person with a lower limb disability, wherein a base (10) attached to a ski comprises a forward pivot pin (27) for an arm (30) supporting a shell (32) for receiving the pelvis of the skier. A cushioning spring (40) is hinged to the base (10) and arm (30) about hinge pins (44, 45) parallel to the pivot pin (27) and differently spaced therefrom. The relative positioning of the hinge pins (44, 45) and the pivot pin (27) and the choice of cushioning spring (40) are such that said spring stiffens when it reaches a condition of maximum stress as the shell (32) moves closer to the base (10) during skiing.

IPC 1-7

A63C 5/00

IPC 8 full level

A63C 5/00 (2006.01)

CPC (source: EP US)

A63C 5/06 (2013.01 - EP US); **A63C 2201/10** (2013.01 - EP)

Citation (examination)

CRASE N.: "Winter Heat", SPORTS'N SPOKES, pages 8 - 13

Designated contracting state (EPC)

AT CH DE IT LI

DOCDB simple family (publication)

WO 9516504 A1 19950622; CA 2178920 A1 19950622; EP 0734278 A1 19961002; FR 2713496 A1 19950616; FR 2713496 B1 19960301; JP H09510366 A 19971021

DOCDB simple family (application)

FR 9401459 W 19941213; CA 2178920 A 19941213; EP 95903831 A 19941213; FR 9315015 A 19931214; JP 51656794 A 19941213