

Title (en)
SUSPENSION SYSTEM FOR A SKI

Title (de)
SKIAUFHÄNGESYSTEM

Title (fr)
SYSTEME DE SUSPENSION POUR A SKI

Publication
EP 1984085 A4 20121010 (EN)

Application
EP 07716865 A 20070122

Priority
• US 2007001601 W 20070122
• US 74315806 P 20060120

Abstract (en)
[origin: WO2007084744A2] Suspension systems are provided for skis. In some implementations, the suspension system includes a spring-like element and a support structure configured to attach one end of the spring-like element to the central half of the longitudinal running length of a ski body. The spring-like element is configured so that the opposite end of the spring-like element contacts the ski body at a contact point on the front-most or rear-most fifth of the longitudinal running length of the ski body, and applies a downward force at the contact point such that the degree of free camber of the ski is increased relative to the natural free camber of the ski body without the suspension system attached.

IPC 8 full level
A63C 5/07 (2006.01); **A63C 9/00** (2006.01)

CPC (source: EP)
A63C 5/07 (2013.01); **A63C 9/003** (2013.01); **A63C 9/007** (2013.01)

Citation (search report)
• [XAI] US 2004084879 A1 20040506 - WILSON ANTON F [US]
• [XA] US 5284357 A 19940208 - TINKLER MICHAEL R [US]
• [X] WO 2004110573 A1 20041223 - QUAGGIOTTI VITTORIO [IT]
• [A] JP 2001231906 A 20010828 - ISO NOBUAKI
• See references of WO 2007084744A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2007084744 A2 20070726; WO 2007084744 A3 20081106; CN 101400413 A 20090401; CN 101400413 B 20120829;
EP 1984085 A2 20081029; EP 1984085 A4 20121010; EP 1984085 B1 20161214; JP 2009523561 A 20090625

DOCDB simple family (application)
US 2007001601 W 20070122; CN 200780008622 A 20070122; EP 07716865 A 20070122; JP 2008551447 A 20070122