

Title (en)

TELEMETRY SYSTEM FOR THE MOVEMENT ANALYSIS OF A DOWNHILL SKI DURING USE

Title (de)

TELEMETRIESYSTEM ZUR BEWEGUNGSANALYSE EINES ABFAHRTSKIS WÄHREND DES GEBRAUCHS

Title (fr)

SYSTÈME DE TÉLÉMÉTRIE POUR L'ANALYSE DE MOUVEMENT D'UN SKI DE DESCENTE EN COURS D'UTILISATION

Publication

**EP 4176944 A1 20230510 (EN)**

Application

**EP 22204076 A 20221027**

Priority

IT 202100027707 A 20211028

Abstract (en)

A telemetry system (1) for the movement analysis of a downhill ski during use comprising: at least one mobile detection unit (2) which is adapted to be attached onto the downhill ski (3), and is adapted to measure, continuously or cyclically, a series of physical quantities that include the momentary acceleration and/or inclination of the detection unit (2); and a remote electronic apparatus (4), that communicates wirelessly with each of the detection units (2), so as to receive a data stream containing the measurements performed by each detection unit (2), and is also provided with a user interface that is configured so as to display the values of the physical quantities measured by said mobile detection unit (2).

IPC 8 full level

**A63C 5/06** (2006.01); **A63C 11/00** (2006.01)

CPC (source: EP)

**A63C 5/06** (2013.01); **A63C 11/003** (2013.01); **A63C 2203/12** (2013.01); **A63C 2203/18** (2013.01); **A63C 2203/22** (2013.01); **A63C 2203/24** (2013.01)

Citation (search report)

- [XAI] US 7433805 B2 20081007 - VOCK CURTIS A [US], et al
- [XA] US 2018361221 A1 20181220 - CZAJA STANISLAW [US], et al
- [X] US 6924764 B1 20050802 - CHEN YU-YU [TW]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

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DOCDB simple family (application)

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