

Title (en)

SPORT MONITORING SYSTEM FOR DETERMINING AIRTIME, SPEED, POWER ABSORBED AND OTHER FACTORS SUCH AS DROP DISTANCE

Title (de)

SPORT-ÜBERWACHUNGSSYSTEM ZUR BESTIMMUNG VON LUFTZEIT, GESCHWINDIGKEIT, ABSORBIERTER LEISTUNG, UND ANDERER GRÖSSEN WIE FALLHÖHE

Title (fr)

SYSTEME DE MESURE SPORTIVE PERMETTANT DE DETERMINER LE TEMPS DANS L'AIR, LA VITESSE, LA PUISSANCE ABSORBEE ET D'AUTRES FACTEURS TELS QUE LA HAUTEUR DE CHUTE

Publication

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Application

**EP 98928854 A 19980602**

Priority

- US 9811268 W 19980602
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- US 7725198 P 19980309

Abstract (en)

[origin: WO9854581A2] The invention detects the loft time, speed, power and/or drop distance of a vehicle, such as a sporting vehicle, during activities of moving and jumping. A loft sensor detects when the vehicle leaves the ground and when the vehicle returns to the ground. A controller subsystem converts the sensed information to determine a loft time. A display shows the recorded loft time to a user of the system. In addition, a speed sensor can detect the vehicle's speed for selective display to the user. A power sensing section informs the user of expended energy, which can be compared to other users. A drop distance sensing unit informs the user of the peak height of a jump, during an airtime. Gaming on the internet is facilitated to connect worldwide sport enthusiasts.

IPC 1-7

**G04F 10/00**; **G01P 3/50**; **G01P 13/00**; **G04F 8/08**; **G01C 22/00**

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [X] US 5471405 A 19951128 - MARSH STEPHEN A [US]
- [A] GB 1567238 A 19800514 - MINNESOTA MINING & MFG
- [A] EP 0336782 A2 19891011 - SKI RECOVERY SYSTEMS [GB]
- See references of WO 9854581A2

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US9868041B2

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DOCDB simple family (publication)

**WO 9854581 A2 19981203**; **WO 9854581 A3 19990318**; **WO 9854581 A9 19990422**; AU 8055298 A 19981230; CA 2291701 A1 19981203; EP 1007975 A2 20000614; EP 1007975 A4 20020410

DOCDB simple family (application)

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