

Title (en)

SPORTS APPLIANCE WITH A TWO-TRACK ROLLING DEVICE

Title (de)

SPORTGERÄT MIT EINER ZWEISPURIGEN ROLLVORRICHTUNG

Title (fr)

APPAREIL DE SPORT POURVU D'UN DISPOSITIF DE ROULEMENT à DEUX VOIES

Publication

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Application

**EP 98914697 A 19980416**

Priority

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- AT 23497 U 19970416

Abstract (en)

[origin: WO9846316A1] The invention relates to a sports appliance (1) with a two-track rolling device (3), especially a skateboard, comprising at least one deck (2, 2a), and a truck (4) connected to said deck (2, 2a). The truck has two wheel axles (7), each wheel axle having a longitudinal control wheel suspension (5; 51, 52). Said longitudinal control wheel suspension (5; 51, 52) is connected to the deck (2, 2a) in such a way that it can pivot around a lateral axis (11). The wheel axle (7) is positioned on the first end (6) of the longitudinal control wheel suspension (5; 51, 52), said first end facing away from the deck (2, 2a). According to the invention, at least one elastic element (13) acts upon at least one longitudinal control wheel suspension (5; 51, 52), said elastic element acting against the direction of excursion. In order to improve travel on uneven ground and in open country, the one point of application of force (14) of the elastic element (13) in the area of the half of the longitudinal control wheel suspension (5; 51, 52) facing the deck (2, 2a) is positioned preferably in the third of the longitudinal control wheel suspension (5; 51, 52) facing the deck (2, 2a), ideally in the area of the lateral axis (11). The elastic element (13) is mounted on the longitudinal control wheel suspension (5; 51, 52) in such a way that it can move, preferably pivot. An angle (  $\alpha$  ) between a vertical axis (18a) of the deck (2, 2a) and an axis (13b) of the elastic element (13) is different to 0., being preferably greater than  $\pm 30^\circ$ , ideally greater than  $\pm 60^\circ$ .

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Citation (search report)

See references of WO 9846316A1

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