

Title (en)
COLLAPSIBLE SLED WITH SPRING SUSPENSION

Title (de)
GEFEDERTER UND ZUSAMMENLEGBARER SCHLITTEN

Title (fr)
LUGE A SUSPENSION ET PLIABLE

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Application
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Abstract (en)
[origin: WO2006005276A1] The invention concerns the fields of vehicle engineering and sporting goods. It relates to a sled, preferably with two parallel interspaced runners, with spring suspension. The seat frame (5) and the runner frame (2, 3, 11 to 14) can be collapsed in a vertical direction when the sled is not in use. The seat frame (5), together with the sitting surface (18), is mounted in a rotational and detachable manner, via both of its front ends (6, 7), on the front traverse (4) of the runner frame by means of two half-shells provided with quick-release latches (8). The runners (2, 3) are, approximately at mid-length, joined in a fixed manner to the seat frame and to the sitting surface by two upward sloping rods or tubes (10, 11) and (12, 13) and by a transverse member (14), to which the longitudinal bars are fastened in a fixed manner, said rods or tubes being fastened to the runners in a fixed manner. The traverse (4) forms, together with the runners and with the rods or tubes, the whole of the runner frame. The seat frame (5) has, in its front longitudinal section, a traverse (9). A suspension strut (15) is mounted between the traverse and the transversal member (14) while being able to turn relative thereto.

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