

Abstract

(Fig. 1)

Mineproof seat device

In addition to guide tubes (1) which for their part can or have to absorb only driving-dynamic and/or crash loads which act in the horizontal plane, it is proposed to incorporate at least one, preferably a plurality of holding belts (3) which are connected to a seat supporting frame (2). Said belts (3) have at least one tear-open seam (6). In the case of an explosion, said seams (6) tear open when a defined loading is reached. The force which acts on the occupants is reduced as a result. In addition, the quantity of energy which is transmitted is reduced by the amount of the energy which is necessary to tear open the seams (6). The tear-open force can be set in relation to a permissible loading of the occupants by the number of seams (6), the seam geometry as well as the material of the seam (6).