

Title (en)  
DEVICE FOR CLEARING LANDMINES

Title (de)  
VORRICHTUNG ZUM RÄUMEN EINES VERMINTEN GELÄNDES

Title (fr)  
DISPOSITIF DE SECURISATION D'UN TERRAIN MINE

Publication  
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Application  
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Abstract (en)  
[origin: US2003145717A1] The invention concerns a device mounted on a carrier vehicle equipped with at least a support (4) whereon a frame (6) is mounted in articulation, with interposed a pressure actuator (8), the frame being equipped at its bottom end with a plurality of vertical bars (24) whereof the lower ends (26) are provided with feet (28) and whereof the upper ends are provided each with a piston (15) mounted sliding into a cylinder (13). A mechanical component (10) called a proportioning unit, wherein are arranged the cylinders (13) used for fixing the pistons (15) disposed at the upper ends of the bars (24), and comprising a chamber (14) communicating said cylinders, is mounted sliding between stop elements (12, 13) in the frame, parallel to the axes of the cylinders (13), the mechanical component forming a proportioning unit (10) is directly subjected to the action of the thrust forces of the actuator (8) via the frame stops (12).

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