

Title (en)  
PIVOTING DEVICE WITH ARM AND CONTROL ROD

Title (de)  
SCHWENKVORRICHTUNG MIT AUSLEGER UND STEUERSTANGE

Title (fr)  
DISPOSITIF DE PIVOTEMENT A BRAS ET TIGE DE COMMANDE

Publication  
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Application  
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• LU 90089 A 19970709

Abstract (en)  
[origin: WO9902738A1] This invention relates to a pivoting device for supporting a working means (16) and comprising a load-bearing structure (18), an arm (20) and a control rod (30). A first end of the arm (20) is pivotably mounted in the load-bearing structure (18). The working means (16) is pivotably connected to the second end of the arm (20). A first end of the control rod (30) is hinged to the pivoting working means (16). A hinged quadrangle (34) acts as a pivot point for the second end of the control rod (30). This quadrangle encompasses the load-bearing structure (18) acting as a chassis, the arm (20) acting as a driven element, as well as two coupling elements (36, 40) which close said quadrangle (34). The control rod is hinged, by its second end, to one of the two coupling elements (36, 40). When the arm pivots (20), the pivot point of the second end of the control rod (30) remains on the same side of the arm (20), so that the control rod (30) does not cross the arm (20) during pivoting.

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