

Title (en)  
DEVICE FOR INSPECTING THE UNDERSIDE OF BRIDGES.

Title (de)  
BRÜCKENUNTERSICHTVORRICHTUNG.

Title (fr)  
DISPOSITIF D'INSPECTION DU COTE INFERIEUR DE PONTS.

Publication  
**EP 0490927 B1 19941117 (DE)**

Application  
**EP 90912990 A 19900907**

Priority  
• DE 8910749 U 19890908  
• DE 9000685 W 19900907

Abstract (en)  
[origin: WO9103603A1] Described is a device for inspecting the underside of bridges, with a lifting tower (8) which extends down over the edge of a bridge (1) and on which is mounted a work platform projecting under the bridge. The device has a wheeled chassis (3) on the bridge (1), with a support element (7) which is vertical in the working position and which is connected by arms (11, 12) to a guide member (13) on which the lifting tower is mounted so that it can be displaced along its longitudinal axis. The arms (11, 12) are hinged in the horizontal plane to the support element (7) and to the guide member (13), forming a double parallelogram. They can be swung outwards and downwards or upwards with respect to their horizontal mid-position by means of a hydraulic cylinder (18). The wheeled chassis is also equipped with a turntable (5) which can rotate about its vertical axis (4) and on which the support element (7) is mounted in such a way that it can rotate about a horizontal axis (6) and be adjusted.

IPC 1-7  
**E01D 19/10**; **B66F 11/04**

IPC 8 full level  
**B66F 9/06** (2006.01); **B66F 11/04** (2006.01); **E01D 19/10** (2006.01); **E01D 22/00** (2006.01)

CPC (source: EP US)  
**B66F 11/044** (2013.01 - EP US); **E01D 19/106** (2013.01 - EP US)

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• WO 9008228 A1 19900726 - MOOG ALFONS [DE]  
• DE 8900673 U1 19900607

Designated contracting state (EPC)  
AT CH DE ES FR GB IT LI SE

DOCDB simple family (publication)  
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