

Title (en)  
Method for supporting a hydraulically actuated, mobile working machine on a rail track and working machine for carrying out said method

Title (de)  
Verfahren zum Abstützen eines hydraulisch betätigbaren, verfahrbaren Arbeitsgerätes auf einer Spurbahn, und Arbeitsgerät zur Durchführung dieses Verfahrens

Title (fr)  
Procédé pour supporter un engin de chantier mobile, actionné hydrauliquement sur une voie ferrée et engin de chantier pour la mise en oeuvre dudit procédé

Publication  
**EP 1182302 B1 20050525 (DE)**

Application  
**EP 00116286 A 20000810**

Priority  
EP 00116286 A 20000810

Abstract (en)  
[origin: EP1182302A1] Before the excavator is moved with its rail wheels (6) on the track, the actual relative position between upper body and lower chassis is determined using a detector unit (20). This generates a relative position signal and transmits it to a regulator device (22) with computer (21). The device generates a control signal, which causes connection of the rod chambers (23) of two piston-cylinder-units (8.1,8.2), and hydraulic connection between the cylinder chambers (25.1,25.2) of the units and an oil reservoir (28).

IPC 1-7  
**E02F 9/02**; E02F 9/22; E02F 9/08; B66C 23/50; B66C 23/80

IPC 8 full level  
**E02F 9/02** (2006.01); **E02F 9/08** (2006.01); **E02F 9/22** (2006.01)

CPC (source: EP)  
**E02F 9/022** (2013.01); **E02F 9/085** (2013.01); **E02F 9/2257** (2013.01)

Citation (examination)  
DE 4041970 A1 19920702 - ATLAS WEYHAUSEN GMBH [DE]

Cited by  
CN108798685A; EP1925754A1; CN115822028A; DE202008009037U1; EP2141290A1; EP1925753A3

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