

Title (en)  
Concrete pump vehicle

Title (de)  
Betonpumpenfahrzeug

Title (fr)  
Véhicule à pompe à béton

Publication  
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Application  
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Abstract (en)  
[origin: WO2007057100A1] In a hydraulic cylinder (11) for a multiple-part mast superstructure comprising at least two mast arms which are connected in an articulated manner and of which one can be pivoted with respect to the other mast arm by the hydraulic cylinder, it is proposed that the base region (18) of the cylinder container (12) is of curved configuration, which cylinder container (12) is closed in the base region (18) on one side in order to accommodate a piston. In this way, the force flux is improved in the walls of the hydraulic cylinder, with the result that manufacturing which uses less material and is correspondingly less expensive is possible, with a simultaneously reduced overall weight. The hydraulic cylinder according to the invention is suitable, in particular, for use with concrete pumps, cranes, lifting platforms and the like or general apparatuses having mast superstructures, in which hydraulic cylinders are used for pivoting.

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