

Title (en)  
ACTUATING CYLINDER

Title (de)  
BETÄTIGUNGSZYLINDER

Title (fr)  
CYLINDRE D'ACTIONNEMENT

Publication  
**EP 1907708 B1 20131204 (DE)**

Application  
**EP 06776415 A 20060726**

Priority  
• EP 2006007357 W 20060726  
• DE 102005036124 A 20050726

Abstract (en)  
[origin: WO2007012471A1] In order to improve an actuating cylinder, comprising a cylinder housing having an interior space which is enclosed by the latter, a piston which is arranged in the interior space and is guided in a guide direction by at least one running face of the cylinder housing and delimits a pressure space in the cylinder housing with a piston head, and comprising a sealing element which is held on the piston and is arranged so as to surround the latter in order to seal the pressure space between the piston and the cylinder housing, in such a way that the wear which occurs is as small as possible, it is proposed that the sealing element is part of a sliding element which comprises a guide element, that the guide element is guided movably in the guide direction by way of at least one guide face on a first running face of the cylinder housing, and that guide element guides the piston in a floating manner relative to the first running face.

IPC 8 full level  
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CPC (source: EP)  
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