

Title (en)  
HYDRAULIC BACKLASH ADJUSTER

Publication  
**EP 0010768 B1 19820505 (DE)**

Application  
**EP 79104279 A 19791102**

Priority  
DE 2847699 A 19781103

Abstract (en)  
[origin: EP0010768A1] 1. Hydraulic play-compensating element with a piston displaceably guided in a cylinder and a working chamber formed between piston and cylinder and a reservoir chamber which is arranged in the piston and/or cylinder, is closed off outwardly to the pressure-tight, is partially filled by an air cushion and partly by hydraulic fluid and in which an element hindering the foaming of air in hydraulic fluid is provided wherein the reservoir chamber stands in communication with the working chamber through a channel displaying a non-return valve and the working chamber is connected through a throttle gap, characterised thereby, that the element hindering the foaming is a filling of filler bodies (22; 23), which receive the air cushion (13) finely distributed between them.

IPC 1-7  
**F15B 21/00**; **F01L 1/24**; **F16H 53/06**

IPC 8 full level  
**F01L 1/24** (2006.01); **F01L 1/245** (2006.01); **F01L 1/25** (2006.01); **F15B 21/00** (2006.01); **F16H 53/06** (2006.01)

CPC (source: EP)  
**F01L 1/245** (2013.01); **F01L 1/25** (2013.01)

Citation (examination)  
• US 2246330 A 19410617 - CARL VOORHIES  
• DE 1911550 A1 19700924 - HANNING ELEKTRO WERKE  
• US 2096257 A 19371019 - ALFRED MOORHOUSE  
• DE 2517370 A1 19761028 - VOLKSWAGENWERK AG

Cited by  
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