

Title (en)  
SERVOBRAKE

Title (de)  
BREMSKRAFTVERSTÄRKER

Title (fr)  
SERVOFREIN

Publication  
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Application  
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Abstract (en)  
[origin: WO2008019974A2] The invention relates to a servobrake for motor vehicles, the control valve (12) of which can be actuated by means of an electromagnet (20), independently of an actuating rod (7) that displaces a valve piston (9), said electromagnet actuating a third seal seat (24) that permits the ventilation of the working chamber (4). The third seal seat (24) is configured on a sleeve (32) that cooperates with the electromagnet (20). An annular element (36), that is arranged so that it can be displaced in relation to the third seal seat (24), is supported on the sleeve (32) by means of an elastic or compressible element (37). According to the invention, in order to improve the noise behaviour of the servobrake, the annular element (36) comprises means for guiding an air flow (L) produced during normal braking in the direction of the working chamber (4).

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