

Title (en)  
VALVE BOOSTER

Title (de)  
VENTILVERSTÄRKER

Title (fr)  
SERVOMOTEUR A SOUPAPES

Publication  
**EP 1420990 A1 20040526 (FR)**

Application  
**EP 02774860 A 20020730**

Priority  
• FR 0202727 W 20020730  
• FR 0110617 A 20010808

Abstract (en)  
[origin: FR2828467A1] The servo actuating rod (7) is connected to a transverse rod (90) which is able to pivot through small angles and has ends which are attached to first and second valves (61,62) in piston (5) seatings (51,52). At rest both valves are closed and the servo exerts no force but when the actuating rod moves left the second valve opens and the piston moves left due to the admitted atmospheric pressure (12) on the inside and a vacuum maintained on outside.

IPC 1-7  
**B60T 13/57**

IPC 8 full level  
**B60T 13/57** (2006.01)

CPC (source: EP US)  
**B60T 13/57** (2013.01 - EP US)

Citation (search report)  
See references of WO 03013928A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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