

Title (en)
Valve system

Title (de)
Ventileinrichtung

Title (fr)
Système de soupape

Publication
EP 1184576 B1 20050202 (DE)

Application
EP 01112733 A 20010525

Priority
DE 10041168 A 20000821

Abstract (en)
[origin: EP1184576A1] The valve unit has a regulator piston (14), loaded via a control line (26,28,30) with the load pressure from the consumer. When a limit load pressure is exceeded, the piston is moved into a regulating position, in which a working connection (A) and a tank connection (S) are connected, and in which a pressure corresponding to the load pressure, acts on a piston end face (22). A measuring piston (32) is guided in the end face, and the piston has a radial bore (28) opening into an axial bore (26), to charge the measuring piston in closing direction, with the load pressure on the consumer.

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F15B 13/04; F15B 11/028; A01D 34/24

IPC 8 full level
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CPC (source: EP)
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Cited by
DE102009021103A1; CN100353080C; EP1433961A3; WO2010130334A1; WO2012104485A1; US9222594B2

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