

Title (en)
Pilot-operated check valve

Title (de)
Vorgesteuertes Rückschlagventil

Title (fr)
Clapet anti-retour piloté

Publication
EP 1124063 B1 20051228 (DE)

Application
EP 01102268 A 20010131

Priority
• DE 10005771 A 20000210
• DE 10006510 A 20000215

Abstract (en)
[origin: EP1124063A2] The pilot-controlled non-return valve (10), in a hydraulic control system, has a seal (16) which wholly surrounds the sealing ball (15) and seals the control line (11) from the two valve connections (12,13). The second valve connection (13) opens into the valve between the seal (16) and the valve seat (14). The seal (16) is contained within a groove (18), open inwards, at the level of the equator of the sealing ball (15) in relation to the direction of the ball stroke movements (17).

IPC 1-7
F15B 13/01; F15C 3/06; F16K 15/18; F16K 31/122; F15B 11/00; F16K 27/02; B62D 33/07

IPC 8 full level
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CPC (source: EP)
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