

Title (en)
FLUID FEEDING VALVE

Publication
EP 0079507 B1 19850403 (DE)

Application
EP 82110039 A 19821029

Priority
DE 3143795 A 19811104

Abstract (en)
[origin: US4561466A] The valve for supplying a flow medium to a flow medium pipe which alternately carries different flow media, in particular to the flow medium pipe of a converter for treating the contents of a converter with various gaseous flow media, exhibits a chamber (20) between the flow medium inlet (7) and the flow medium outlet (10), which chamber may be closed on the side facing the flow medium inlet (7) by a piston (11) and on the side facing the flow medium outlet (10) by a disk (12). The piston (11), on the side turned away from the chamber (20), and the chamber (20) are optionally connectable via separate flow medium pipes (27 and 28, respectively) with the flow medium inlet (7) and the free atmosphere, respectively, to close the chamber (20) by the piston (11) and evacuate the chamber, or with the free atmosphere and the flow medium inlet (7), respectively, to open the chamber (20) by the piston (11). The disk (12) is loaded in a closed position towards the chamber (20) by a spring (13) and a differential piston (14) with a larger effective surface (14') on the side facing the flow medium outlet (10) and a smaller effective surface (14'') on the opposite side (the only drawing).

IPC 1-7
C21C 5/48; **F16K 15/00**

IPC 8 full level
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