

Title (en)
VALVE FOR VALVE ASSEMBLY

Title (de)
VENTIL FÜR VENTILANORDNUNG

Title (fr)
VALVE DESTINÉE À UN ENSEMBLE DE VALVES

Publication
EP 2855946 A1 20150408 (DE)

Application
EP 13722998 A 20130515

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Abstract (en)
[origin: WO2013174489A1] The invention relates to a valve (18) for a valve assembly (10) for regulating the pressure of a fluid guided in a hydraulic system for supplying pressure to at least one hydraulic consumer (12a, 12b), comprising a pilot control stage (48) and a main control stage (38) for at least partially clearing or blocking a fluid path from a supply connection (P) to an outflow connection (T), a relief stage (54) for pressure relief of a fluid chamber arranged between the pilot control stage (48) and the main control stage (38). The relief stage (54) compares the existing load pressure at a load terminal (LS) dedicated to the at least one hydraulic consumer (12a, 12b) with the outflow pressure at the outflow connection (T), clearing the pressure relief if both pressures are approximately the same or identical, which valve is characterized in that the relief stage (54) can be directly connected to the load terminal (LS) and can be charged with load pressure.

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Citation (search report)
See references of WO 2013174489A1

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