

Title (en)
HYDRAULIC DIRECTIONAL VALVE

Title (de)
HYDRAULISCHES WEGEVENTIL

Title (fr)
SOUPAPE DE DISTRIBUTION HYDRAULIQUE

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EP 06776602 A 20060804

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Abstract (en)
[origin: WO2007025631A1] The invention relates to a hydraulic directional valve (1) having an electromagnetic actuating unit (2) and a valve section (3), an essentially cylindrical, blind-hole-like receptacle (19b) being formed on one component of the actuating unit (2), a flange section (27a) of a valve housing (27) of the valve section (3) engaging in the receptacle (19b), the flange section (27a) being provided with an annular groove (27b) which runs in its circumferential direction, and an essentially hollow-cylindrical wall (19a) of the receptacle (19b) in the region of the annular groove (27b) engaging in said annular groove (27b) in such a way that it bears on the groove base (27c) of said annular groove (27b), along the entire circumference of said annular groove (27b). Means are proposed for increasing the torsional rigidity between the flange section (27a) and the wall (19a). In this context, particular emphasis is placed on processing reliability and economic viability of the connecting process.

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