

Title (en)
HYDRAULIC DIRECTIONAL-CONTROL VALVE

Publication
EP 0214325 B1 19881214 (DE)

Application
EP 85111244 A 19850905

Priority
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Abstract (en)
[origin: US4667698A] A hydraulic distributor in the body of which there is provided a central hole and supply, a discharge, a working, and bypass conduits, said conduits being connected to the central hole. In central hole there is disposed a plunger which is provided with central and end rings. Between the rings there are shaped profile necks and in one of the ends of the plungers there is provided a bypass groove. The working conduits are arranged perpendicularly to the central hole in the distributor body, and non-return valves are disposed in them. The spaces formed by the profile necks in the walls of the central hole are interconnected by an auxiliary conduit. In one embodiment of the distributor, the auxiliary conduit is provided in the central ring of the plunger. In another embodiment of the distributor, the auxiliary conduit is provided in the body of the distributor.

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F15B 13/04

IPC 8 full level
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CPC (source: EP US)
F15B 13/04 (2013.01 - EP US); **Y10T 137/87185** (2015.04 - EP US); **Y10T 137/87241** (2015.04 - EP US)

Citation (examination)
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