

Title (en)
HYDRAULIC CIRCUIT.

Title (de)
HYDRAULISCHE SCHALTUNGSANORDNUNG.

Title (fr)
CIRCUIT HYDRAULIQUE.

Publication
EP 0397840 B1 19940622 (DE)

Application
EP 90900115 A 19891118

Priority
• CH 428888 A 19881118
• EP 8901396 W 19891118

Abstract (en)
[origin: WO9005853A1] In a hydraulic circuit for supplying two consumers (5, 5') from a single hydraulic medium source through a proportional flow distributing valve (4) which splits the total flow into two partial flows, the diaphragm arrangement (6) which splits the hydraulic flow is provided with an additional regulating device (11) which predetermines the total through-flow cross-section. The pressure differential signal produced at the diaphragm arrangement (6) in function of the setting of the total through-flow cross-section is fed, in an appropriate manner for both directions of through-flow, to the control connections (13) of the hydraulic medium source in the form of a load-sensing pump (1), by means of a shuttle valve arrangement (19, 20). As a result, a predetermined volume of fluid is delivered to the consumers (5, 5').

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F15B 13/02

IPC 8 full level
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