

Title (en)

CONTROL SYSTEM FOR A HYDRAULIC CIRCUIT INCLUDING A PLURALITY OF PARALLEL VARIABLE-DELIVERY PUMPS

Publication

EP 0027743 B1 19850515 (EN)

Application

EP 80303741 A 19801022

Priority

JP 13661879 A 19791022

Abstract (en)

[origin: EP0027743A1] A hydraulic circuit includes a plurality of parallel variable-delivery pumps (11-14) for supplying pressure fluid to an appliance such as an extrusion press (60). A control system is provided to optimize the operation of the pumps. This system utilizes a sensor which senses the quantity of fluid demanded by the appliance and a controller provides control signals which vary in accordance with the sensor function. These control signals in turn control solenoid valves (41-44) and regulators (31-34) which control the individual pumps in accordance with the demanded fluid.

IPC 1-7

F15B 1/00

IPC 8 full level

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CPC (source: EP)

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Cited by

US11407192B2; US2015090132A1; AT411784B; DE3614967A1; CN111572083A; US6128900A; US2014096581A1; US9643225B2; US5128335A; CN104428077A; US9506480B2; WO2013167111A1

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