

Title (en)

CONTROL DEVICE FOR A SET OF SEVERAL PUMPS DRIVEN BY A COMMON ENERGY SOURCE

Publication

EP 0043459 B1 19840912 (DE)

Application

EP 81104452 A 19810610

Priority

DE 3024399 A 19800628

Abstract (en)

[origin: US4405287A] A regulating device is provided for an aggregate of several pumps driven by a primary source at least one of which is adjustable and with a constant volume auxiliary control pressure pump driven by the same primary source in the delivery line of which a restrictor is located with the pressure gradient in front of and following the restrictor acting on the control pressures of an hydraulically regulated discharge valve in a drain line connected to the delivery line of the auxiliary pump, the drain line being connected in front of the restrictor, adjusting means connected to each adjustable pump and a control pressure line to which all adjusting means are connected, branching off from the drain line ahead of the discharge valve.

IPC 1-7

F04B 49/00

IPC 8 full level

F04B 23/04 (2006.01); **F04B 49/00** (2006.01)

CPC (source: EP US)

F04B 49/002 (2013.01 - EP US)

Citation (examination)

- US 3841795 A 19741015 - FERRE G, et al
- "Bauelemente der Ölhydraulik"

Designated contracting state (EPC)

FR GB IT SE

DOCDB simple family (publication)

EP 0043459 A2 19820113; EP 0043459 A3 19820120; EP 0043459 B1 19840912; BR 8104068 A 19820316; DE 3024399 A1 19820121; JP S5746082 A 19820316; US 4405287 A 19830920

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EP 81104452 A 19810610; BR 8104068 A 19810626; DE 3024399 A 19800628; JP 9981981 A 19810629; US 27670481 A 19810623