

Title (en)
FLUID PRESSURE CONTROL DEVICE

Title (de)
FLUIDDRUCKSTEUERUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE COMMANDE DE PRESSION DE FLUIDE

Publication
EP 3943755 A4 20221130 (EN)

Application
EP 20779689 A 20200228

Priority
• JP 2019055069 A 20190322
• JP 2020008522 W 20200228

Abstract (en)
[origin: EP3943755A1] A fluid pressure control device 100 includes a switch valve 30 configured to control flow of working oil from a first pump 7 to a hydraulic cylinder 1; a flow-combining control valve 60 configured to control flow of working oil supplied from a second pump 8 to the hydraulic cylinder 1; a first connecting passage 14 and a second connecting passage 15 connecting the switch valve 30 and the flow-combining control valve 60. The flow-combining control valve 60 has: a second extending position 60B at which a second bottom side passage 13b is communicated with the second pump passage 11a; and a second contracting position 60C at which a first connecting passage 14 is communicated with the second tank passage 17, and a second rod side passage 12b is shut off from the second tank passage 17.

IPC 8 full level
F15B 13/04 (2006.01); **E02F 9/22** (2006.01)

CPC (source: EP)
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Citation (search report)
[A] US 2018044890 A1 20180215 - HIJIKATA SEIJI [JP], et al

Designated contracting state (EPC)
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