

Title (en)  
FLUID PRESSURE CONTROL DEVICE

Title (de)  
FLUIDDRUCKSTEUERUNGSVORRICHTUNG

Title (fr)  
DISPOSITIF DE COMMANDE DE PRESSION DE FLUIDE

Publication  
**EP 3943755 A1 20220126 (EN)**

Application  
**EP 20779689 A 20200228**

Priority  
• JP 2019055069 A 20190322  
• JP 2020008522 W 20200228

Abstract (en)  
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 11/02** (2006.01)

CPC (source: EP)  
**E02F 9/2239** (2013.01); **E02F 9/2267** (2013.01); **E02F 9/2282** (2013.01); **E02F 9/2292** (2013.01); **F15B 13/0402** (2013.01); **F15B 20/005** (2013.01); **F15B 2013/0412** (2013.01); **F15B 2211/20576** (2013.01); **F15B 2211/30565** (2013.01); **F15B 2211/3116** (2013.01); **F15B 2211/31582** (2013.01); **F15B 2211/7053** (2013.01)

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Designated extension state (EPC)  
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