

Title (en)

Hydraulic control apparatus for work machine

Title (de)

Hydraulische Steuervorrichtung für eine Arbeitsmaschine

Title (fr)

Appareil de contrôle hydraulique de machine de travail

Publication

EP 2479349 B1 20180411 (EN)

Application

EP 12152038 A 20120123

Priority

JP 2011012690 A 20110125

Abstract (en)

[origin: EP2479349A1] A hydraulic control apparatus for a work machine exchangeably mountable a standard front attachment (6a) and a long front attachment (6b) includes a front type detecting unit (200) for work machine. The front type detecting unit includes a primary side coupler (30) with which driving power is provided from a main body side of the work machine and a secondary side coupler (31,32) to be coupled to the primary side coupler. The secondary side coupler is disposed at the front attachment side. The hydraulic pressure circuit includes a control valve (150) and a variable relief valve (141,142) which switches a relief pressure for a driving actuator (10) of a front attachment. When the long front attachment (6b) is mounted to the work machine body, an operating state of the switching valve (130) is changed, and the variable relief valve (141,142) is switched to the low pressure side. Thus, the amount of movement of the spool in the control valve is (150) limited.

IPC 8 full level

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CPC (source: EP)

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