

Title (en)

Hydraulic system of a mobile working machine

Title (de)

Hydraulikanlage einer mobilen Arbeitsmaschine

Title (fr)

Installation hydraulique d'une machine de travail mobile

Publication

**EP 2657178 B1 20150930 (DE)**

Application

**EP 13162479 A 20130405**

Priority

DE 102012103732 A 20120427

Abstract (en)

[origin: EP2657178A2] The system has a priority valve (P) arranged in a delivery line of a variable flow pump (1) for supply of a hydraulic steering device (L) with a pressure medium, and connected with the steering device by a conveying branch line (3a) and with a working hydraulics (A) by another conveying branch line (3b). A safety device has a shut-off valve device (130) arranged in the latter branch line that is guided to the hydraulics. The valve device is driven into a locking position at non-driven loads of the hydraulics and openable in an open position during controlling of the hydraulics loads. The shut-off valve device is designed as a servo-controlled non-return valve.

IPC 8 full level

**B66F 9/22** (2006.01); **E02F 9/22** (2006.01); **F15B 11/00** (2006.01); **F15B 11/16** (2006.01)

CPC (source: EP)

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Cited by

CN106593982A; EP3127856A1

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DOCDB simple family (publication)

**EP 2657178 A2 20131030**; **EP 2657178 A3 20140903**; **EP 2657178 B1 20150930**; **EP 2657178 B9 20151209**; DE 102012103732 A1 20131031

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