

Title (en)

Load-sensing regulated hydrostatic drive system

Title (de)

Load-Sensing geregeltes hydrostatisches Antriebssystem

Title (fr)

Système d'entraînement hydrostatique réglé par détection de charge

Publication

EP 2444360 B1 20170503 (DE)

Application

EP 11183410 A 20110930

Priority

DE 102010048893 A 20101019

Abstract (en)

[origin: EP2444360A2] The system has a load-pressure signaling branch (20a) utilized as a load-pressure signaling path. The signaling path stays in connection with a load-pressure signaling line (21) provided for controlling conveying volume of a pump and guiding high load pressure to a selected load (4) i.e. hydrocylinder. The load is provided with a pressure cut (50) for load pressure protection. The pressure cut of the load is attached to a load side (A) of the load. A pressure balance (11a) is attached to the load side and actuated along direction of a locking position for the pressure cut of the load side.

IPC 8 full level

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CPC (source: EP)

E02F 9/2225 (2013.01); **E02F 9/2232** (2013.01); **E02F 9/226** (2013.01); **E02F 9/2285** (2013.01); **F15B 11/163** (2013.01); **F15B 11/165** (2013.01); **F15B 2211/20553** (2013.01); **F15B 2211/253** (2013.01); **F15B 2211/30535** (2013.01); **F15B 2211/3111** (2013.01); **F15B 2211/3144** (2013.01); **F15B 2211/329** (2013.01)

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