

Title (en)

Hydrostatic drive system for a mobile work machine

Title (de)

Hydrostatisches Antriebsystem einer mobilen Arbeitsmaschine

Title (fr)

Système d'entraînement hydrostatique d'une machine de travail mobile

Publication

EP 2218675 A3 20131016 (DE)

Application

EP 10000411 A 20100118

Priority

DE 102009008514 A 20090211

Abstract (en)

[origin: EP2218675A2] The system has a pump (1) i.e. fixed displacement pump, and a working hydraulics system (2) operated by an electrohydraulically operated control valve (11) i.e. directional control valve. An electrically operated pilot valve is provided for controlling the control valve and connected with a control pressure supply line (25). A pressure regulating valve (26) is connected with a supply line (4) of the pump and provided for generating a control pressure that is supplied to the control pressure supply line, and a locking valve (28) is arranged upstream of the pressure regulating valve.

IPC 8 full level

B66F 9/22 (2006.01); **F15B 11/028** (2006.01); **F15B 20/00** (2006.01)

CPC (source: EP)

B66F 9/22 (2013.01); **F15B 11/162** (2013.01); **F15B 2211/50554** (2013.01); **F15B 2211/6355** (2013.01); **F15B 2211/7058** (2013.01)

Citation (search report)

- [IY] US 5060475 A 19911029 - LATIMER EUGENE E [US]
- [I] US 4635440 A 19870113 - KROPP WALTER [DE]
- [Y] DE 10151831 A1 20030508 - STILL GMBH [DE]
- [A] JP S5524213 A 19800221 - DIESEL KIKI CO
- [A] US 4343151 A 19820810 - LORIMOR LARRY W
- [A] DE 10047631 A1 20020411 - LINDE AG [DE]
- [AD] DE 10224731 A1 20030116 - LINDE AG [DE]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

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