

Title (en)

Hydrostatic drive system for a mobile work machine

Title (de)

Hydrostatisches Antriebssystem einer mobilen Arbeitsmaschine

Title (fr)

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

Publication

EP 2256082 A3 20110119 (DE)

Application

EP 10004441 A 20100427

Priority

DE 102009022468 A 20090525

Abstract (en)

[origin: EP2256082A2] The system has a pump (1) i.e. fixed displacement pump, for supplying a consumer with a working hydraulic system (2) and a hydraulic steering unit (3). A hydraulic braking device (20) is controlled by brake pressure. A priority valve (5) is arranged for preferred supply of the steering unit in a conveyor pipe (4) of the pump. A control pressure pipe (25) is provided with the conveyor pipe of the pump located upstream of the priority valve of the steering unit for generation of the brake pressure. The control pressure pipe is guided to a brake valve (21) of the braking device.

IPC 8 full level

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

CPC (source: EP)

B66F 9/22 (2013.01); **F15B 7/003** (2013.01)

Citation (search report)

- [X] DE 10151831 A1 20030508 - STILL GMBH [DE]
- [X] DE 202004010530 U1 20041209 - DEERE & CO [US], et al
- [A] DE 19746090 A1 19990325 - LINDE AG [DE]

Cited by

CN107842533A; CN107842531A

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 ME RS

DOCDB simple family (publication)

EP 2256082 A2 20101201; **EP 2256082 A3 20110119**; **EP 2256082 B1 20150729**; **EP 2256082 B9 20151014**; DE 102009022468 A1 20101202

DOCDB simple family (application)

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