

Title (en)

Assembly for supplying a hydraulic system with hydraulic fluid

Title (de)

Anordnung zur Versorgung eines Hydrauliksystems mit Hydraulikflüssigkeit

Title (fr)

Agencement d'alimentation d'un système hydraulique en liquide hydraulique

Publication

EP 2161458 A3 20100804 (DE)

Application

EP 09168925 A 20090828

Priority

- DE 102008041799 A 20080903
- DE 102008043449 A 20081104

Abstract (en)

[origin: EP2161458A2] The arrangement (10) has a working reservoir (12) for receiving hydraulic fluid. An auxiliary reservoir (16) is connected with the working reservoir by a hydraulic line (14) for intermediate storage of hydraulic fluid. An air conveyor (28) i.e. vacuum pump, is connected with a suction line (32) flowing into a liquid-free region (30) of the auxiliary reservoir in a low pressure side. The conveyor is connected with a control line (34) comprising control openings (36a, 36b) that is covered from the hydraulic fluid in the working reservoir before starting the conveyor.

IPC 8 full level

F15B 1/26 (2006.01)

CPC (source: EP US)

F15B 1/26 (2013.01 - EP US); **F15B 2211/20592** (2013.01 - EP US); **F15B 2211/615** (2013.01 - EP US); **Y10T 137/3109** (2015.04 - EP US); **Y10T 137/85978** (2015.04 - EP US); **Y10T 137/86043** (2015.04 - EP US); **Y10T 137/86187** (2015.04 - EP US); **Y10T 137/86348** (2015.04 - EP US)

Citation (search report)

- [A] DE 2822209 A1 19791129 - BARMAG BARMER MASCHF
- [A] US 5775103 A 19980707 - INGFAST HAKAN [SE]
- [A] US 4371318 A 19830201 - KIME JAMES A [US]

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)

EP 2161458 A2 20100310; **EP 2161458 A3 20100804**; **EP 2161458 B1 20110907**; AT E523696 T1 20110915; DE 102009001448 A1 20100304; ES 2373081 T3 20120131; PL 2161458 T3 20120229; US 2010051123 A1 20100304; US 2012006432 A1 20120112; US 8151818 B2 20120410

DOCDB simple family (application)

EP 09168925 A 20090828; AT 09168925 T 20090828; DE 102009001448 A 20090310; ES 09168925 T 20090828; PL 09168925 T 20090828; US 201013255940 A 20100305; US 55172509 A 20090901