

Title (en)

Method and control circuit for regulating a supply of pressure fluid for a hydraulic actuator

Title (de)

Verfahren und Regelschaltung zur Regelung einer Druckmittelzufuhr für einen hydraulischen Aktor

Title (fr)

Procédé et circuit de réglage destinés au réglage d'une alimentation en fluide sous pression pour un actionneur hydraulique

Publication

EP 2192309 B1 20170405 (DE)

Application

EP 09014791 A 20091127

Priority

DE 102008059677 A 20081129

Abstract (en)

[origin: EP2192309A2] The method involves supplying a pressurizing medium quantity to an actuator by a variable displacement pump (13). A speed deviation is detected, where the speed deviation results from the deviation of a speed (n) of an electric motor (14) from a target value for a speed (ns). An independent claim is included for a regulating circuit for controlling pressurizing medium supply for hydraulic actuator of a cyclically working machine.

IPC 8 full level

F15B 11/02 (2006.01); **F15B 9/04** (2006.01)

CPC (source: EP)

F15B 9/04 (2013.01); **F15B 11/02** (2013.01); **F15B 2211/20515** (2013.01); **F15B 2211/20546** (2013.01); **F15B 2211/6303** (2013.01); **F15B 2211/6651** (2013.01); **F15B 2211/6656** (2013.01)

Cited by

EP3839256A1; EP3988801A1; CN102878152A; DE102012009136A1; WO2013167248A1; US11982070B2; WO2021173940A1; EP4253754A1; DE102022203051B3

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

DOCDB simple family (publication)

EP 2192309 A2 20100602; EP 2192309 A3 20140423; EP 2192309 B1 20170405; DE 102009055978 A1 20100602

DOCDB simple family (application)

EP 09014791 A 20091127; DE 102009055978 A 20091127