

Title (en)

Method and system for controlling the reversing of the direction of rotation of a hydraulic motor

Title (de)

Verfahren und Einrichtung zum Steuern der Drehrichtungsumkehr eines hydraulischen Motors

Title (fr)

Procédé de pilotage de l'inversion du sens de rotation d'un moteur hydraulique et système de mise en oeuvre de ce procédé

Publication

EP 1696112 B1 20160413 (FR)

Application

EP 06290305 A 20060223

Priority

FR 0501946 A 20050225

Abstract (en)

[origin: EP1696112A1] The method involves associating a rotation speed sensor (12) to a hydraulic motor (1) and providing a control loop for operating the motor at a minimum drag airspeed. The motor is supplied with a pressurized liquid by a hydraulic control system. A rotation speed of the motor is reduced at the airspeed during a preset period and then from the airspeed to a maximum cleaning speed, in a reverse rotation direction of the motor. An independent claim is included for a system implementing a method for controlling a hydraulic motor reverse rotation direction.

IPC 8 full level

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CPC (source: EP)

F01P 5/043 (2013.01); **F01P 7/044** (2013.01); **F01P 2023/08** (2013.01)

Cited by

EP4403757A1; AU2012236119B2; CN103946505A; EP2781713A4; US8967239B2; US8997906B2; US9133756B2; WO2008057977A3; WO2012135825A1

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