

Title (en)

CYLINDER HEAD OF AN INTERNAL COMBUSTION ENGINE HAVING AN ELECTROHYDRAULIC VALVE CONTROLLER

Title (de)

ZYLINDERKOPF EINER BRENNKRAFTMASCHINE MIT ELEKTROHYDRAULISCHER VENTILSTEUERUNG

Title (fr)

TETE DE CYLINDRE POUR MOTEUR A COMBUSTION INTERNE A COMMANDE ELECTROHYDRAULIQUE DES SOUPAPES

Publication

EP 1989406 B1 20130904 (DE)

Application

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Priority

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- DE 102006008676 A 20060224

Abstract (en)

[origin: DE102006008676A1] The head has a pressure discharge chamber, and a pressure chamber, which is arranged in the transfer region between a sensor and an accommodating unit. A filling device (6) with a sealing unit is provided for initial filling of the pressure discharge chamber and/or the pressure chamber with a hydraulic medium. The filling device is formed at a hydraulic housing and is independent of the hydraulic medium supply. An independent claim is also included for a hydraulic unit for a cylinder head, comprising a cam shaft.

IPC 8 full level

F01L 9/14 (2021.01)

CPC (source: EP KR US)

F01L 9/00 (2013.01 - KR); **F01L 9/14** (2021.01 - EP US); **F01L 2001/34446** (2013.01 - EP US)

Cited by

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DE 102006008676 A1 20070830; CN 101389831 A 20090318; CN 101389831 B 20100804; EP 1989406 A1 20081112; EP 1989406 B1 20130904; JP 2009527687 A 20090730; JP 5527978 B2 20140625; KR 101291385 B1 20130730; KR 20080104277 A 20081202; US 2009000580 A1 20090101; US 7954464 B2 20110607; WO 2007098994 A1 20070907

DOCDB simple family (application)

DE 102006008676 A 20060224; CN 200780006481 A 20070122; EP 07704057 A 20070122; EP 2007050589 W 20070122; JP 2008555724 A 20070122; KR 20087020540 A 20070122; US 28059507 A 20070122