

Title (en)

HYDRAULIC TEMPERATURE COMPENSATOR AND HYDRAULIC LIFT TRANSMITTER

Title (de)

HYDRAULISCHER TEMPERATURKOMPENSATOR UND HYDRAULISCHER HÜBÜBERTRAGER

Title (fr)

COMPENSATEUR DE TEMPÉRATURE HYDRAULIQUE ET ÉLÉMENT DE TRANSMISSION DE COURSE HYDRAULIQUE

Publication

EP 2616665 A1 20130724 (DE)

Application

EP 11749802 A 20110822

Priority

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- EP 2011064362 W 20110822

Abstract (en)

[origin: WO2012034823A1] The hydraulic temperature compensator (5) comprises at least one longitudinally extendable hydraulic chamber (10, 11) and a gas filled chamber (12) which is at least partially surrounded by the hydraulic chamber (10, 11), wherein the hydraulic chamber (10, 11) is subdivided into a first sub-chamber (10) and a second sub-chamber (11), wherein said chambers are hydraulically connected to each other by means of at least one throttle point (24), and wherein the second sub-chamber (11) adjoins the gas-filled chamber (12). The lift transmitter (1) comprises at least the hydraulic temperature compensator, a lifting actuator (2) which acts on the temperature compensator (5), and an additional hydraulic chamber (18a), which is fluidically connected to the first sub-chamber (10) of the hydraulic chamber (10, 11) of the temperature compensator (5), wherein the additional hydraulic chamber (18a) is fluidically connected to an adjustment element (20) which is slidably mounted.

IPC 8 full level

F02M 63/00 (2006.01); **F02M 61/16** (2006.01)

CPC (source: EP US)

F02M 61/167 (2013.01 - EP US); **F02M 63/0026** (2013.01 - EP US); **F02M 63/0057** (2013.01 - EP US); **F15B 7/10** (2013.01 - US); **F02M 2200/21** (2013.01 - EP US); **F02M 2200/703** (2013.01 - EP US); **F02M 2200/705** (2013.01 - EP US); **F02M 2200/708** (2013.01 - EP US); **Y10T 137/2516** (2015.04 - EP US)

Citation (search report)

See references of WO 2012034823A1

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