

Title (en)

END-OF-STROKE SIGNALLING DEVICE FOR A HYDRAULIC ACTUATOR

Title (de)

ANZEIGER DES HUBENDES EINES HYDRAULISCHEN STELLGLIEDS

Title (fr)

DISPOSITIF DE SIGNALISATION DE FIN DE TEMPS D'UN ACTIONNEUR HYDRAULIQUE

Publication

EP 3149344 B1 20200108 (EN)

Application

EP 14757982 A 20140527

Priority

IT 2014000145 W 20140527

Abstract (en)

[origin: WO2015181839A1] An end-of-stroke signalling device (20) for a hydraulic actuator (10) is described. The end-of-stroke signalling device (20) allows signalling the achievement of an end-of-stroke position of the main piston (14) of the hydraulic actuator and at the same time ensures that the signalling of the end-of-stroke position is not affected by pressure variations of the hydraulic fluid contained inside the chambers of the actuator cylinder. The end-of-stroke signalling device (20) comprises: an end portion (12) of the cylinder of the hydraulic actuator; - a detecting piston (21) and a balancing piston (22) which are slidingly mounted to the cylinder end portion (12) so as to be capable of sliding through the cylinder end portion (12); - a position sensor (24) mounted to the cylinder end portion (12); - a transmission element (23) operatively interposed between said detecting and balancing pistons (21, 22).

IPC 8 full level

F15B 15/28 (2006.01)

CPC (source: EP)

F15B 15/2807 (2013.01)

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2015181839 A1 20151203; EP 3149344 A1 20170405; EP 3149344 B1 20200108; ES 2782874 T3 20200916

DOCDB simple family (application)

IT 2014000145 W 20140527; EP 14757982 A 20140527; ES 14757982 T 20140527