

Title (en)
SELF-ADJUSTING CLUTCH ACTUATOR

Title (de)
SELBSTNACHSTELLENDER KUPPLUNGSSTELLER

Title (fr)
ACTIONNEUR D'EMBRAYAGE À RÉGLAGE AUTOMATIQUE

Publication
EP 3814649 A2 20210505 (DE)

Application
EP 19737008 A 20190624

Priority
• DE 102018210628 A 20180628
• EP 2019066653 W 20190624

Abstract (en)
[origin: CA3105131A1] A self-adjusting clutch actuator having: a transmission element; a compensation mechanism comprising a piston which is displaceably provided in the displacement direction of the transmission element and designed to allow relative displacement of the transmission element to the piston absent actuating force in the clutch actuator, and to block relative displacement when an actuating force is introduced into the clutch actuator, by bringing a frictional element into contact with a counter-element. The frictional element is designed for relative movement relative to the counter-element when the relative displacement is not blocked by the compensation mechanism. A translatory mechanism is provided between the transmission element and the piston, to cause the relative movement, by the relative displacement of the transmission element in relation to the counter-element in the displacement direction. The frictional element is fixedly connected to the transmission element in the direction of the relative movement.

IPC 8 full level
F16D 13/75 (2006.01)

CPC (source: EP US)
F16D 13/583 (2013.01 - US); **F16D 13/752** (2013.01 - US); **F16D 25/082** (2013.01 - EP US); **F16D 25/087** (2013.01 - EP US); **F16D 25/126** (2013.01 - EP US); **F16D 2121/04** (2013.01 - US); **F16D 2125/06** (2013.01 - US)

Citation (search report)
See references of WO 2020002221A2

Designated contracting state (EPC)
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DOCDB simple family (publication)
DE 102018210628 A1 20200102; CA 3105131 A1 20200102; EP 3814649 A2 20210505; US 11512745 B2 20221129; US 2021270328 A1 20210902; WO 2020002221 A2 20200102; WO 2020002221 A3 20200312

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