

Title (en)
LOCKING MECHANISM FOR LINEAR ACTUATORS

Title (de)
VERRIEGELUNGSVORRICHTUNG FÜR LINEARAKTUATOREN

Title (fr)
DISPOSITIF DE VERROUILLAGE POUR DES ACTIONNEURS LINEAIRES

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Abstract (en)
[origin: US2008022849A1] The invention relates to a locking device for linear actuators, in particular for fluid-actuated adjusting devices, with a piston rod mounted in an axially displaceable manner relative to a receiving device. The object of the invention is to provide a locking device for linear actuators, with which a secure locking is possible over the entire travel path of the linear actuators. This is attained in that the piston rod has a hollow space extending in the axial direction, in which form-fitting devices are arranged distributed in the axial direction, that form-fitting elements corresponding to the form-fitting devices are arranged in the piston rod in a radially displaceable manner, which elements are mounted in an axially stationary manner relative to the receiving device, and that an actuating device that displaces the form-fitting elements radially is assigned to the form-fitting elements.

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