

Title (en)
TENSIONER WITH INBUILT NONRETURN AND INBUILT LOCK

Title (de)
SPANNVORRICHTUNG MIT INTEGRIERTEM ANSCHLAG UND INTEGRIERTEM RIEGEL

Title (fr)
TENDEUR AVEC ANTI-RETOUR ET VERROU INTEGRES

Publication
EP 3380752 A1 20181003 (FR)

Application
EP 16809904 A 20161019

Priority
• FR 1561338 A 20151125
• FR 2016052705 W 20161019

Abstract (en)
[origin: WO2017089663A1] The invention relates to a tensioner (1) comprising a body (2) housing a piston (3) sliding with respect to the body (2) and called upon to deploy out of the body (2) by first return means (4), the body (2) bearing, in one zone of its periphery, a pawl (5) arranged on a pin (6) and provided with a first tooth (5a) which acts as a nonreturn through the meshing of this tooth (5a) with a notch (7a) of a series (7) of notches (7a) borne by the piston (3), downstream, relative to the direction of deployment of the piston (3), of the pivot pin (6) and then, by the bracing of the pawl (5) in the region of this tooth (5a, 5b) on the piston (3), characterized in that the pawl (5) bears a locking tooth (5c) which locks by meshing of this tooth (5c) in a notch (7a) of the series (7), upstream of the pin (6), and bracing of the pawl (5).

IPC 8 full level
F16H 7/08 (2006.01)

CPC (source: EP)
F16H 7/0836 (2013.01); **F16H 2007/0808** (2013.01); **F16H 2007/0853** (2013.01); **F16H 2007/0891** (2013.01)

Citation (search report)
See references of WO 2017089663A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
FR 3044060 A1 20170526; FR 3044060 B1 20190322; CN 108291616 A 20180717; EP 3380752 A1 20181003; WO 2017089663 A1 20170601

DOCDB simple family (application)
FR 1561338 A 20151125; CN 201680066449 A 20161019; EP 16809904 A 20161019; FR 2016052705 W 20161019