

Title (en)

SYSTEM FOR BLOCKING RELATIVE TRANSLATIONAL MOVEMENT BETWEEN TWO PARTS

Title (de)

SYSTEM ZUR BLOCKIERUNG DER RELATIVEN TRANSLATIONSBEWEGUNG ZWISCHEN ZWEI TEILEN

Title (fr)

SYSTEME DE BLOCAGE DE DEUX PIECES EN MOUVEMENT DE TRANSLATION L'UNE PAR RAPPORT A L'AUTRE

Publication

**EP 2992224 A1 20160309 (FR)**

Application

**EP 13726807 A 20130430**

Priority

FR 2013050959 W 20130430

Abstract (en)

[origin: WO201417774A1] The present invention concerns a system 5 for securely blocking relative translational movement between a cylindrical shaft and an element 112, comprising a blocking means 50 in which an immobilisation element 55 is arranged, the immobilisation element being associated with a viscoelastic fluid 8 disposed between the blocking means 50 and the immobilisation element 55 in such a way that translational movement is blocked when the viscoelastic fluid 8 is pressurised in the blocking cylinder and translational movement is possible when the viscoelastic fluid 8 is no longer pressurised. The present invention also concerns an actuating cylinder equipped with such a secure blocking system.

IPC 8 full level

**F15B 15/26** (2006.01)

CPC (source: EP US)

**F15B 15/26** (2013.01 - US); **F15B 15/262** (2013.01 - EP US); **F15B 2015/268** (2013.01 - EP US)

Citation (search report)

See references of WO 201417774A1

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)

**WO 201417774 A1 20141106**; EP 2992224 A1 20160309; EP 2992224 B1 20181219; US 2016076562 A1 20160317; US 9976578 B2 20180522

DOCDB simple family (application)

**FR 2013050959 W 20130430**; EP 13726807 A 20130430; US 201314787922 A 20130430