

Title (en)
ELECTRIC CONNECTOR

Title (de)
ELEKTRISCHER STECKVERBINDER

Title (fr)
RACCORD ÉLECTRIQUE

Publication
EP 2680370 A4 20140806 (EN)

Application
EP 11856818 A 20110802

Priority
• JP 2011014734 A 20110127
• JP 2011067663 W 20110802

Abstract (en)
[origin: WO2012101849A1] The purpose of the present invention is to prevent actuator twisting or other deformation during a movement operation and to enable an easy and reliable electrical connection by facilitating check of the operation state of the actuator, and to do so using a simple structure. Inclined surface portions (12b1) are formed at both ends in the longitudinal direction of the end surface in the rotational radial outward direction of an actuator (12) that holds or releases a signal transmission medium (F). All of the pressing force applied by an operator is caused to act substantially uniformly on the entire length of the actuator (12), thereby preventing a situation where the actuator (12) is pressed while being twisted. As a result, the action of holding the signal transmission medium (F) can be effectively carried out, and the rotation state of the actuator (12) can be visually checked easily and reliably.

IPC 8 full level
H01R 12/79 (2011.01); **H01R 12/88** (2011.01)

CPC (source: EP KR)
H01R 12/77 (2013.01 - KR); **H01R 12/79** (2013.01 - EP); **H01R 12/88** (2013.01 - EP); **H01R 13/629** (2013.01 - KR)

Citation (search report)
• [XYI] US 2008081501 A1 20080403 - HEMMI YOSHINOBU [JP], et al
• [Y] GB 2337164 A 19991110 - JAPAN AVIATION ELECTRON [JP]
• [Y] US 2010081336 A1 20100401 - HEMMI YOSHINOBU [JP], et al
• See references of WO 2012101849A1

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 2012101849 A1 20120802; CN 102971917 A 20130313; CN 102971917 B 20150211; EP 2680370 A1 20140101; EP 2680370 A4 20140806; EP 2680370 B1 20171004; KR 101359784 B1 20140207; KR 20120118490 A 20121026; TW 201236281 A 20120901; TW I520449 B 20160201

DOCDB simple family (application)
JP 2011067663 W 20110802; CN 201180019243 A 20110802; EP 11856818 A 20110802; KR 20127022633 A 20110802; TW 100127696 A 20110804