

Title (en)

LOCKING DEVICE FOR CONNECTOR ELEMENTS AND A CONNECTOR PROVIDED WITH SAID DEVICE

Title (de)

VERRIEGELUNGSEINRICHTUNG FÜR VERBINDERELEMENTE UND MIT DER EINRICHTUNG AUSGESTATTETER VERBINDER

Title (fr)

DISPOSITIF DE VERROUILLAGE D'ELEMENTS DE CONNECTEUR ET CONNECTEUR LE COMPRENANT

Publication

EP 1800372 A1 20070627 (FR)

Application

EP 05789885 A 20050929

Priority

- EP 2005010543 W 20050929
- FR 0452187 A 20040929

Abstract (en)

[origin: WO2006034865A1] The invention relates to a device for locking a cap (1) on a contact-carrier module (2), wherein said cap (1) and a contact locking means carrier (3) disposed in the contact-carrier module (2) are assembled on the coupling face thereof in such a way that they form a first connecting element (11) which comprises means (5, 6, 7, 8, 13, 14) for latching the cap (1) on the module (2) in a longitudinal contact locking position and removable stop means (9, 10) preventing the coupling of the connector (11) elements with the element of an additional connector (12) until the cap (1) is latched on the module (2) in the contact locking position.

IPC 8 full level

H01R 13/436 (2006.01); **H01R 13/641** (2006.01)

CPC (source: EP KR US)

H01R 13/436 (2013.01 - KR); **H01R 13/4365** (2013.01 - EP US); **H01R 13/641** (2013.01 - EP KR US); **H01R 13/506** (2013.01 - EP US); **H01R 13/6272** (2013.01 - EP US)

Citation (search report)

See references of WO 2006034865A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

FR 2875957 A1 20060331; AT E438213 T1 20090815; CN 101032058 A 20070905; CN 101032058 B 20100811; DE 602005015740 D1 20090910; EP 1800372 A1 20070627; EP 1800372 B1 20090729; EP 2109189 A1 20091014; JP 2008515154 A 20080508; JP 4754569 B2 20110824; KR 100895547 B1 20090429; KR 20070051373 A 20070517; US 2008070441 A1 20080320; US 7785146 B2 20100831; WO 2006034865 A1 20060406

DOCDB simple family (application)

FR 0452187 A 20040929; AT 05789885 T 20050929; CN 200580032753 A 20050929; DE 602005015740 T 20050929; EP 05789885 A 20050929; EP 09166613 A 20050929; EP 2005010543 W 20050929; JP 2007533947 A 20050929; KR 20077009558 A 20070427; US 66404005 A 20050929