

Title (en)  
ELECTRICAL CONNECTOR ASSEMBLY

Title (de)  
ELEKTRISCHE VERBINDERBAUGRUPPE

Title (fr)  
ENSEMBLE CONNECTEUR ÉLECTRIQUE

Publication  
**EP 2340588 A1 20110706 (EN)**

Application  
**EP 08875922 A 20080916**

Priority  
IB 2008055614 W 20080916

Abstract (en)  
[origin: WO2010032088A1] The electrical connector assembly comprises first and second connectors (102, 104) intended to mate with each other. One of the connectors (104) comprises a first locking stop (132) and the other of the connectors (102) comprises a primary locking pawl (134) carrying a second locking stop (142) intended to engage the first locking stop (132) so as to lock the first and second connectors (102, 104) when they are mated. The first connector (102) comprises a CPA element (146) movable from an initial position to a final position only when the first and second connectors (102, 104) are properly mated. The CPA element (146) is intended to engage, in the final position, the primary locking pawl (134) so as to prevent the first and second locking stops (132, 134) to disengage.

IPC 8 full level  
**H01R 13/627** (2006.01); **H01R 13/639** (2006.01); **H01R 13/641** (2006.01)

CPC (source: EP)  
**H01R 13/6272** (2013.01); **H01R 13/639** (2013.01); **H01R 13/641** (2013.01)

Citation (search report)  
See references of WO 2010032088A1

Cited by  
CN109950746A; EP3416247A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
**WO 2010032088 A1 20100325**; CN 102187529 A 20110914; CN 102187529 B 20130731; EP 2340588 A1 20110706; EP 2340588 B1 20170405

DOCDB simple family (application)  
**IB 2008055614 W 20080916**; CN 200880131568 A 20080916; EP 08875922 A 20080916