

Title (en)
Locking element for electric connector assembly

Title (de)
Verriegelungselement für eine Steckverbindung

Title (fr)
Élément de blocage pour ensemble de connexion

Publication
EP 1513225 A3 20091104 (DE)

Application
EP 04021124 A 20040906

Priority
DE 10341136 A 20030906

Abstract (en)
[origin: EP1513225A2] A latching device is provided for locking the socket (10) and plug (30) together. The socket or plug is provided with a locking element (20) which can be displaced in the plugging direction when the plug is completely in the socket. The locking element is arranged on the latching device.

IPC 8 full level
H01R 4/18 (2006.01); **H01R 13/627** (2006.01); **H01R 13/639** (2006.01); **H01R 13/641** (2006.01); **H01R 43/26** (2006.01)

CPC (source: EP)
H01R 13/627 (2013.01); **H01R 13/639** (2013.01); **H01R 13/641** (2013.01); **H01R 43/26** (2013.01)

Citation (search report)

- [XA] EP 0788193 A2 19970806 - YAZAKI CORP [JP]
- [XA] US 5120255 A 19920609 - KOUDA TOMOYUKI [JP], et al
- [A] US 5807130 A 19980915 - MILLER JAMES A [US], et al
- [A] EP 1096616 A2 20010502 - OSRAM SYLVANIA INC [US]
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CN106099480A; EP1936755A1; US7632125B2; US10193273B2; WO2016087579A1; WO2009026149A1; EP2831959B1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL HR LT LV MK

DOCDB simple family (publication)
EP 1513225 A2 20050309; EP 1513225 A3 20091104; EP 1513225 B1 20180502; DE 10341136 A1 20050407; ES 2676504 T3 20180720

DOCDB simple family (application)
EP 04021124 A 20040906; DE 10341136 A 20030906; ES 04021124 T 20040906