

Title (en)

Connector with lock

Title (de)

Steckvorrichtung mit Verriegelung

Title (fr)

Connecteur avec verrouillage

Publication

EP 2219272 A3 20130410 (DE)

Application

EP 10152494 A 20100203

Priority

DE 102009000829 A 20090213

Abstract (en)

[origin: EP2219272A2] The plug-in element comprises a plugging collar and a locking pin (10) which is pivoted around a longitudinal axis. A locking section (11) of the locking pin is engaged in the plugging collar in a closing position, and a recess (12) of the locking pin lies in the plugging collar in an opening position. The longitudinal axis of the locking pin runs transverse to the plugging direction of the plug-in element. An independent claim is also included for a method for locking a plugging collar of a plug-in element.

IPC 8 full level

H01R 13/639 (2006.01)

CPC (source: EP)

H01R 13/639 (2013.01)

Citation (search report)

- [XA] WO 0131750 A1 20010503 - CARRIER KHEOPS BAC [FR], et al
- [XA] US 6155862 A 20001205 - CHIU ALLEN [TW], et al
- [XA] DE 202007005013 U1 20080807 - WEIDMUELLER INTERFACE [DE]

Cited by

CN114976725A; CN112673529A; WO2021259985A1

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 MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2219272 A2 20100818; EP 2219272 A3 20130410; EP 2219272 B1 20140312; DE 102009000829 A1 20100819; ES 2465965 T3 20140609

DOCDB simple family (application)

EP 10152494 A 20100203; DE 102009000829 A 20090213; ES 10152494 T 20100203