

Title (en)
Connector for a data cable

Title (de)
Stecker für ein Datenkabel

Title (fr)
Prise pour un câble de données

Publication
EP 2610976 A3 20130717 (DE)

Application
EP 12177158 A 20120719

Priority
DE 202011052551 U 20111231

Abstract (en)
[origin: EP2610976A2] The plug has an angle-like bent operation lever (20) fixed at a front subfield (7) and pressed with a lever arm end on a snap-in pin (4) and guided with another lever arm end in an operation lever guide of a snap-in pin protection unit (9). An operation side of the operation lever lies on a front region of the protection unit in a connection state of the plug. The operation lever is operated by the guide to press on the pin under release of a plug lock in a socket when pulling the plug out at a region of a rear subfield (8), and a data cable connector is removed in an unlockable manner.

IPC 8 full level
H01R 13/627 (2006.01); **H01R 13/633** (2006.01); **H01R 24/64** (2011.01)

CPC (source: EP US)
H01R 13/6272 (2013.01 - EP US); **H01R 13/6275** (2013.01 - US); **H01R 13/633** (2013.01 - EP US); **H01R 24/64** (2013.01 - EP US)

Citation (search report)

- [A] US 2004247252 A1 20041209 - EHRENREICH JOHN [US], et al
- [A] EP 1653566 A1 20060503 - SIEMON CO [US]
- [A] EP 2284964 A1 20110216 - PANDUIT CORP [US]
- [A] US 2011080008 A1 20110407 - TEO TAT MING [SG], et al

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
DE 202011052551 U1 20120522; CN 104170180 A 20141126; CN 104170180 B 20160824; EP 2610976 A2 20130703; EP 2610976 A3 20130717; EP 2610976 B1 20140910; US 2014364001 A1 20141211; US 9276354 B2 20160301; WO 2013098801 A1 20130704

DOCDB simple family (application)
DE 202011052551 U 20111231; CN 201380005889 A 20130102; EP 12177158 A 20120719; IB 2013050032 W 20130102; US 201314369751 A 20130102