

Title (en)
Electrical connector

Title (de)
Elektrischer Steckverbinder

Title (fr)
Connecteur électrique

Publication
EP 2717387 A1 20140409 (EN)

Application
EP 12187581 A 20121008

Priority
EP 12187581 A 20121008

Abstract (en)
The operability and usage durability of a lock cancellation operating part 12e can be improved with a simple configuration. A latch lock part 12a and a lock cancellation operating part 12e are integrally provided to an elastically-displaceable lock arm member 12g, which is integrally extending like a cantilever from a board connecting part 12c solder-joined with a main wiring board. The board connecting part 12c, the latch lock part 12a, and the lock cancellation operating part 12e are integrally provided with the lock arm member 12g so that a retaining action and a cancelling action of the inserted signal transmission medium F is carried out by operation of a single member.

IPC 8 full level
H01R 12/79 (2011.01); **H01R 12/77** (2011.01)

CPC (source: EP)
H01R 12/774 (2013.01); **H01R 12/79** (2013.01); **H01R 13/639** (2013.01)

Citation (applicant)
• JP 2003100370 A 20030404 - J S T MFG CO LTD
• JP 2009231069 A 20091008 - HONDA TSUSHIN KOGYO CO LTD
• JP 2011040246 A 20110224 - I PEX CO LTD

Citation (search report)
• [XY] WO 2012008353 A1 20120119 - I PEX CO LTD [JP], et al
• [X] EP 2429040 A2 20120314 - I PEX CO LTD [JP]
• [Y] EP 2500990 A2 20120919 - DAI ICHI SEIKO CO LTD [JP]
• [A] EP 2330688 A1 20110608 - I PEX CO LTD [JP]
• [A] EP 2493023 A2 20120829 - DAI ICHI SEIKO CO LTD [JP]
• [A] EP 2442408 A1 20120418 - DAI ICHI SEIKO CO LTD [JP]

Cited by
NL2015465A; JP2018163747A

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)
EP 2717387 A1 20140409; EP 2717387 B1 20180801

DOCDB simple family (application)
EP 12187581 A 20121008