

Title (en)
Electric connector

Title (de)
Elektrischer Steckverbinder

Title (fr)
Connecteur électrique

Publication
EP 1971000 A2 20080917 (EN)

Application
EP 08250851 A 20080313

Priority
SG 2007019425 A 20070315

Abstract (en)
An electric connector has: a connector housing 3 inside which pins are housed and which has at the front a portion for coupling with a counterpart connector and at the rear a holder mounting portion; a sealing member 35 that is fitted onto the outer periphery of the holder mounting portion; a rear holder 6 which has at the front a portion for clamping of the sealing member 35 and which is fixed onto the holder mounting portion; a rear cover 20 which covers the rear of the rear holder 6; and a manipulation lever 30 that latches to the counterpart connector. The pair of opposed outer walls of the rear holder 6 are formed as double walls constituted of an inner plate and an outer plate with a gap therebetween, and in such double walls there are formed housing latching portions with which the connector housing 3 engages, cover installation portions to which the rear cover 20 is mounted, and lever mounting portions to which the manipulation lever 30 is mounted. Thanks to such a structure, an electric connector is provided in which the housing latching portions, cover installation portions and lever mounting portions are gathered together on a single member, so that the shapes of such latching portions, etc., are rendered simple, and assembly also is rendered simple.

IPC 8 full level
H01R 13/629 (2006.01)

CPC (source: EP KR)
H01R 13/629 (2013.01 - KR); **H01R 13/62933** (2013.01 - EP); **H01R 13/4361** (2013.01 - EP); **H01R 13/506** (2013.01 - EP); **H01R 13/5219** (2013.01 - EP); **H01R 13/62938** (2013.01 - EP); **H01R 13/62955** (2013.01 - EP)

Citation (applicant)
• US 5647752 A 19970715 - TAGUCHI NAOTO [JP]
• JP 2005123102 A 20050512 - YAZAKI CORP

Cited by
CN102610963A; CN104659535A; EP3923419A1; RU2764584C1; US11557845B2; WO2020025087A1

Designated contracting state (EPC)
CZ DE FR IT PL

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 1971000 A2 20080917; **EP 1971000 A3 20140409**; CN 101299500 A 20081105; CN 101299500 B 20101208; JP 2008226827 A 20080925; JP 5095431 B2 20121212; KR 101400581 B1 20140528; KR 20080084733 A 20080919; SG 146466 A1 20081030

DOCDB simple family (application)
EP 08250851 A 20080313; CN 200810086061 A 20080314; JP 2008022749 A 20080201; KR 20080023913 A 20080314; SG 2007019425 A 20070315