

Title (en)
CONNECTOR HOUSING ASSEMBLY AND CONNECTOR

Title (de)
VERBINDERGEHÄUSEANORDNUNG UND -VERBINDER

Title (fr)
ENSEMBLE BOÎTIER DE CONNECTEUR ET CONNECTEUR

Publication
EP 4116133 A1 20230111 (EN)

Application
EP 22182807 A 20220704

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CN 202121525736 U 20210706

Abstract (en)
A connector housing assembly and a connector are disclosed. The connector housing assembly comprises: a housing (10) provided with an insertion port (13) for mating with a mating connector and an installation port; a shielding connection member (20) connected to the housing (10) and adapted to be mounted to a shell (100) of an electrical equipment; and a sealing cover (30) connected to the shielding connection member (20) and formed with a through hole (31, 32, 33) through which an electrical connection member (1, 2, 3) passes. A mating interface between the sealing cover (30) and the shielding connection member (20) and a mating interface between the sealing cover (30) and the electrical connection member (1, 2, 3) are sealed, so that water vapor cannot enter the shell (100) of the electrical equipment from the inside of the housing (10). In the invention, the water vapor path inside the connector housing assembly is sealed, so that water vapor can be prevented from entering into the shell of the electrical equipment from the inside of the connector housing assembly.

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Citation (search report)
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• [A] WO 2013168393 A1 20131114 - YAZAKI CORP [JP]
• [A] US 2002155756 A1 20021024 - YOSHIOKA NOBUAKI [JP]
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