

Title (en)
CABLE ASSEMBLY AND SEAL

Title (de)
KABELANORDNUNG UND DICHTUNG

Title (fr)
ENSEMBLE CÂBLE ET JOINT D'ÉTANCHÉITÉ

Publication
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Application
EP 18840835 A 20180801

Priority
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Abstract (en)
[origin: WO2019028100A1] A connector assembly (10) includes a first-housing (14), a second-housing (16), and a seal (12). The second-housing (16) is configured to mate with the first-housing (14). The second-housing (16) has a seal-support surface (22) having a first-surface (24) and a second-surface (26) perpendicular to the first-surface (24) and generally forming an 1-shape (30). The seal-support surface (22) includes a plurality of seal-hangers (32) projecting laterally from the first-surface (24). The seal (12) is in direct contact with the seal-support surface (22). The seal (12) defines a wall (36) and a lip (44) extending laterally from the wall (36). The wall (36) defines an inner-surface (46) that engages the first-surface (24) and an outer-surface (48) that engages the first-housing (14). The wall (36) further defines a plurality of apertures (58) configured to receive the plurality of seal-hangers (32). The lip (44) defines a base (52) that engages the second-surface (26) and a top that engages a leading-edge (56) of the first-housing (14). The plurality of seal-hangers (32) are configured to inhibit bunching or rolling of the wall (36) when the first-housing (14) is mated with the second-housing (16).

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