

Title (en)  
TUBULAR CONNECTOR

Title (de)  
ROHRFÖRMIGER VERBINDER

Title (fr)  
RACCORD TUBULAIRE

Publication  
**EP 4399429 A1 20240717 (EN)**

Application  
**EP 22868325 A 20220909**

Priority  
• US 202163242951 P 20210910  
• US 2022076157 W 20220909

Abstract (en)  
[origin: WO2023039501A1] A push-to-connect fitting is provided. The push-to-connect fitting includes a connector body, a sealing member, a grab ring, a cartridge, a retainer sleeve, a plurality of latches, and an interference portion. The sealing member is configured to form a sealing engagement with a fluid conduit. The grab ring includes a plurality of teeth configured for coupling to the fluid conduit. The retainer sleeve is received over at least part of the cartridge and is received over at least part of the connector body. The plurality of latches are located on the retainer sleeve and are configured to secure the retainer sleeve to the connector body to facilitate retention of the sealing member, the grab ring, and the cartridge. The interference portion is configured to engage the retainer sleeve to substantially prevent rotation of the retainer sleeve relative to the connector body.

IPC 8 full level  
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CPC (source: EP)  
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Designated extension state (EPC)  
BA ME

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KH MA MD TN

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**WO 2023039501 A1 20230316**; AU 2022343283 A 20240328; CN 118234989 A 20240621; EP 4399429 A1 20240717

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**US 2022076157 W 20220909**; AU 2022343283 A 20220909; CN 202280074349 A 20220909; EP 22868325 A 20220909