

Title (en)
DUAL TUBE DRILL STRING COMPONENTS

Title (de)
DOPPELROHRBOHRSTRANGKOMPONENTEN

Title (fr)
ÉLÉMENTS DE TRAIN DE TIGES DE FORAGE À DEUX TUBES

Publication
EP 4388169 A1 20240626 (EN)

Application
EP 22859176 A 20220818

Priority
• US 202163234950 P 20210819
• US 2022040788 W 20220818

Abstract (en)
[origin: WO2023023268A1] A drill string component having a central axis can comprise an outer tube having a pin end and a box end. The outer tube can define an inner bore. An inner tube can be disposed within the inner bore of the outer tube. The inner tube can define an inner bore. A plurality of rolling elements can be disposed between the outer tube and the inner tube. The wall thickness of each of the outer tube and the inner tube can be less than 1/4 inch.

IPC 8 full level
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