

Title (en)

Connector for riser lengths comprising flanges, internal locking ring and external annular locking element

Title (de)

Mit Flanschen, innerem Sperrring und äußerem ringförmigen Sperrring ausgestattetes Steigrohrverbindungsstück

Title (fr)

Connecteur de tronçon de colonne montante avec bridges, bague de verrouillage intérieur et anneau de verrouillage extérieur

Publication

**EP 2360346 B1 20130508 (FR)**

Application

**EP 11290064 A 20110131**

Priority

FR 1000728 A 20100223

Abstract (en)

[origin: EP2360346A1] The connector (5) has a main tube element extended by a male connecting element (13), where the male connecting element is equipped with a male flange (15). A locking ring (17) is movable in rotation on an exterior surface of the male flange, where the locking ring is mounted movable in rotation on the male connecting element. A locking bush (40) cooperates with an interior surface of a female connecting element (12) for assembling the male connecting element to the female connecting element. The main tube element or an auxiliary duct element comprises steel tube threaded by composite band, where the band is made of glass fiber, carbon fiber or aramid fiber. The main tube element or an auxiliary duct element is made of material that is chosen from list constituted of composite material comprising reinforcement fibers wrapped in polymer matrix, aluminum alloy or titanium alloy.

IPC 8 full level

**E21B 17/08** (2006.01)

CPC (source: EP US)

**E21B 17/0853** (2020.05 - EP US)

Cited by

CN108368733A; CN108952593A

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DOCDB simple family (publication)

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