

Title (en)
STRENGTHENED PERCUSSIVE DRILL STRING FEMALE COUPLING

Title (de)
VERSTÄRKT BUCHSENKOPPLUNG FÜR SCHLAGBOHRGESTÄNGE

Title (fr)
COUPLAGE FEMELLE DE TRAIN DE FORAGE À PERCUSSION RENFORCÉ

Publication
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Application
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Priority
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Abstract (en)
The present invention relates to a drill string for percussive drilling comprising having a first elongate percussive drill rod comprising a main section and an externally threaded male end and a second elongate percussive drill rod comprising a main section and an internally threaded mounting sleeve. The male end and female ends overlap to form a coupling region and a thread clearance area is formed adjacent to the end most female thread. The mounting sleeve has a first region having a first outer skirt diameter, $D_{sub>1</sub>}$, at the axially rearward end and a second outer skirt diameter, $D_{sub>2</sub>}$, along part of the axial length between the axially rearward end and the main section forming a strengthened region wherein $D_{sub>2</sub>}$ is greater than $D_{sub>1</sub>}$.

IPC 8 full level
E21B 17/042 (2006.01)

CPC (source: EP KR)
E21B 17/0426 (2013.01 - EP KR)

Citation (applicant)

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- US 4398756 A 19830816 - DURET JEAN [FR], et al
- US 4687368 A 19870818 - EKLOF AANGSTROEM KE T [SE], et al
- DE 2800887 A1 19780713 - PADLEY & VENABLES LTD
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Citation (search report)

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- [A] WO 2019206484 A1 20191031 - KROLL PETER [US], et al
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DOCDB simple family (publication)
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