

Title (en)  
CABLE

Title (de)  
KABEL

Title (fr)  
CABLE

Publication  
**EP 3098819 A1 20161130 (EN)**

Application  
**EP 15169612 A 20150528**

Priority  
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Abstract (en)  
The invention relates to a cable suitable for supplying power to a top-drive assembly on a drilling rig. In a typical embodiment, the power cable includes a central conductor (1), a central conductor insulation layer (2), electromagnetic shielding (5) enclosing the central conductor, a first polymeric sheath (6), a reinforcing layer (3) and a second polymeric sheath (4) enclosing said reinforcing layer. According to the invention, the reinforcing layer is made of a densely packed braid covering between 95% and 100% of the surface of the first polymeric sheath.

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Citation (search report)

- [A] WO 2011140034 A2 20111110 - DRAKA HOLDING N V [NL], et al
- [A] US 5475185 A 19951212 - TOKARSKY EDWARD W [US]
- [A] US 2005150678 A1 20050714 - TAKASE KOUJI [JP], et al

Cited by  
CN107123474A; EP4027355A1; DE102020000289B4

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