

ABSTRACTAn electrical connector, particularly for a drill string

- 5     Electric connector, including first and second connector parts (10, 20) which can be coupled to each other and comprise first and second contact elements (11, 21), and first and second supports (1b, 3a), respectively, which support the first and second connector parts, respectively, and can be assembled to each other by means of a screw- or bayonet- fitting.
- 10    The first connector part comprises a resilient support structure (13), a proximal end (13a) thereof being made integral with the first support, and a distal end (13b) thereof supporting the first contact element. The second connector part comprises an abutment ring (23) which is suitable to be slidingly engaged by the first contact element during the fitting between the first and second supports. The second contact element is located at a limited circumferential arc of the abutment ring, and a stop projection (30) is provided which is suitable to stop the first contact element at the second contact element in order to provide the coupling with the connector parts.
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(Fig. 8)