

Title (en)  
TOP DRIVE APPARATUS.

Title (de)  
VORRICHTUNG MIT OBEREM ANTRIEB.

Title (fr)  
DISPOSITIF DE COMMANDE PAR LE HAUT.

Publication  
**EP 0682739 A1 19951122 (EN)**

Application  
**EP 93911936 A 19930510**

Priority  
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Abstract (en)  
[origin: WO9323654A1] Top drive apparatus is described for permitting entry of a wireline into a borehole. The apparatus includes a main housing (10) which has a through bore (13) for receiving a wireline in use. The apparatus (10) also includes a pack-off (2), a flow tube assembly (3) and grease seal control head (20), a ball check valve assembly (4) and a tool catcher assembly (5). Coupling means (1) is mounted on the housing (10) to permit fluid to be fed from an external fluid source into the body of the housing (10). The coupling means (1) comprises a rotational coupling means to permit fluid to be fed into the body of the housing (10) during rotation of the housing (10) relative to the external fluid source.

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**E21B 33/072**; **E21B 3/02**

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Citation (search report)  
See references of WO 9323654A1

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