

Title (en)
DIRECTIONAL DRILLING APPARATUS

Title (de)
RICHTUNGSBOHRGERÄT

Title (fr)
FOREUSE DIRECTIONNELLE

Publication
EP 0980461 A2 20000223 (EN)

Application
EP 98923228 A 19980508

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Abstract (en)
[origin: WO9850667A2] A directional drilling apparatus is disclosed. In particular, but not solely, directional drilling apparatus which can be used in confined spaces or utilised in locations close to obstacles such as fences, houses, buildings, etc. Means for pushing forward or advancing a drill head are also disclosed. The means for pushing forward or advancing a drill head being of a design which provides a large amount of forward thrust for the size of the actuating unit and the drilling apparatus. The drilling apparatus is articulated from a source of power such as a prime mover and thus can be used in confined spaces.

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WO 9850667 A2 19981112; **WO 9850667 A3 19991104**; **WO 9850667 A8 20000217**; AT E337466 T1 20060915; AU 7556698 A 19981127; AU 765817 B2 20031002; CN 100360762 C 20080109; CN 1264452 A 20000823; DE 69835669 D1 20061005; DE 69835669 T2 20070906; EP 0980461 A2 20000223; EP 0980461 A4 20030102; EP 0980461 B1 20060823; ES 2271997 T3 20070416

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