

Title (en)  
Twist drill.

Title (de)  
Spiralbohrer.

Title (fr)  
Foret hélicoïdal.

Publication  
**EP 0653544 A3 19951102 (DE)**

Application  
**EP 94810518 A 19940907**

Priority  
DE 4338490 A 19931111

Abstract (en)  
[origin: EP0653544A2] The rock drill has a drill head (1), a body (2) and a shank (3) opposite the drill head (1). The body (2) has at least one conveying helix (4, 5) which is penetrated by grooves (8, 9) on its back (6, 7) forming the outside diameter. The grooves (8, 9) run along planes arranged at right angles to the centre axis of the body (2). <IMAGE>

IPC 1-7  
**E21B 10/44**

IPC 8 full level  
**B28D 1/14** (2006.01); **E21B 10/44** (2006.01); **E21B 10/58** (2006.01); **E21B 17/22** (2006.01)

CPC (source: EP US)  
**E21B 10/445** (2013.01 - EP US); **E21B 17/22** (2013.01 - EP US); **Y10T 408/9097** (2015.01 - EP US)

Citation (search report)  
• [A] DE 803291 C 19510402 - VICTOR PRODUCTS LTD  
• [AD] DE 2013327 B1 19710513  
• [A] US 1740761 A 19291224 - BARTHELEMY BERRY FRANCOIS JACQ

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DE102008022945A1; DE10053343B4; EP2116321A1; DE102009038516A1; EP1138871A1; WO2011139960A1

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CH DE DK FR GB IT LI

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**EP 0653544 A2 19950517; EP 0653544 A3 19951102; EP 0653544 B1 19980617**; CN 1038702 C 19980610; CN 1107928 A 19950906;  
DE 4338490 A1 19950518; DE 59406265 D1 19980723; DK 0653544 T3 19990406; JP H07180464 A 19950718; US 5503237 A 19960402

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JP 27631994 A 19941110; US 33806594 A 19941114