

Title (en)
DEVICE FOR SIMULTANEOUSLY DRILLING AND CASING

Publication
EP 0241354 B1 19890329 (FR)

Application
EP 87400713 A 19870401

Priority
FR 8604678 A 19860402

Abstract (en)
[origin: US4842081A] In well drilling, and in particular the horizontal drilling field, a simultaneous drilling and casing device is provided. A drill string driven in rotation by a revolving table has at its end a drilling tool 28 driven by a bottom motor 22 and, in its intermediate part, a drive connection 10 to which the rear end 1a of a casing section 1 is screwed, whose front end is provided with an abrasive material ring 3. The length of the part of the drill string separating the connection 10 from tool 28 is substantially equal to the length of section 1. The casing 1 driven by the drill string at the speed of rotation of the revolving table cuts its own way during the drilling.

IPC 1-7
E21B 7/20; **E21B 4/20**

IPC 8 full level
E21B 4/20 (2006.01); **E21B 7/20** (2006.01)

CPC (source: EP US)
E21B 4/20 (2013.01 - EP US); **E21B 7/208** (2013.01 - EP US)

Cited by
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EP 0241354 A1 19871014; **EP 0241354 B1 19890329**; CA 1274818 A 19901002; DE 3760084 D1 19890503; FR 2596803 A1 19871009; FR 2596803 B1 19880624; NO 177016 B 19950327; NO 177016 C 19950705; NO 871368 D0 19870401; NO 871368 L 19871005; OA 08580 A 19880930; US 4842081 A 19890627

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EP 87400713 A 19870401; CA 533569 A 19870401; DE 3760084 T 19870401; FR 8604678 A 19860402; NO 871368 A 19870401; OA 59101 A 19870402; US 19846288 A 19880518