

Title (en)
CONTINUOUS CIRCULATION DRILLING METHOD

Title (de)
BOHRVERFAHREN MIT KONTINUIERLICHER ZIRKULATION

Title (fr)
PROCEDE DE FORAGE A CIRCULATION CONTINUE

Publication
EP 1330590 A1 20030730 (EN)

Application
EP 01978643 A 20011030

Priority
• GB 0104803 W 20011030
• GB 0026598 A 20001031

Abstract (en)
[origin: WO0236928A1] A coupler and a method for continuously circulating a drilling fluid through a drill string while adding or removing tubulars has a lower fluid pressure seal adapted to engage a drill string; lower grips adapted to engage a drill string; a valve positioned above said lower grips; upper grips adapted to engage a tubular to be added to or removed from said string; and an upper fluid pressure seal adapted to engage said tubular.

IPC 1-7
E21B 19/16; **E21B 21/00**

IPC 8 full level
E21B 19/16 (2006.01); **E21B 33/068** (2006.01); **E21B 21/00** (2006.01)

CPC (source: EP)
E21B 19/16 (2013.01); **E21B 21/085** (2020.05); **E21B 33/068** (2013.01); **E21B 33/085** (2013.01)

Citation (search report)
See references of WO 0236928A1

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WO 0236928 A1 20020510; AU 1073902 A 20020515; BR 0115380 A 20040210; CA 2427204 A1 20020510; EP 1330590 A1 20030730; GB 0026598 D0 20001213; MX PA03003670 A 20040504; NO 20031857 D0 20030425; NO 20031857 L 20030625; NO 335857 B1 20150309

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