Title (en)
   BIT ASSEMBLY

Title (de)
   BOHRMEISSELANORDNUNG

Title (fr)
   ENSEMBLE FORET

Publication
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Application
   EP 08787686 A 20080710

Priority
   • FI 2008000087 W 20080710
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Abstract (en)
   [origin: WO2009007494A1] A bit assembly in a drilling apparatus working by hammering and /or rotating said assembly comprising of a pilot bit
   (1) drilling the central part of the hole and a ring bit (2), fitted in connection with said pilot bit(l) and furnished with cylindrical inner surface drilling
   the outer surface of said hole, and further, between the pilot bit (1) and ring bit (2) a blocking arrangement of mutual rotation and axial movement,
   whereby opening of said blocking arrangement makes it possible to pull the pilot bit (5) off the hole, while ring bit (2) remains in the hole, and the bit
   assembly comprises a casing tube and its extension (6) and an interlocking system, which is through a ring-shaped device (8) from the extension
   (6) of the casing tube adapted to transfer pulling force from the pilot or ring bit to the casing tube extension (6) and said interlocking system can
   be opened in order to continue drilling with the ring and pilot bits (1, 2) when the casing tube remains in its place. That the ring like device (8)
   comprises parts directed to the inside, by means of which said device is permissively fitted to rotate into the traverse groove (10) on the outer
   surface of either the pilot or ring bit so that its motion is limited or blocked, in both axial directions.

IPC 8 full level
   E21B 7/20 (2006.01); **E21B 10/62** (2006.01); **E21B 10/64** (2006.01); **E21B 17/046** (2006.01)

CPC (source: EP KR US)
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