Title (en)
   CIRCULAR-SHANK TOOL COMPRISING A TOOL HOLDER

Title (de)
   RUNDSCHAFTMEISSEL MIT MEISSELHALTER

Title (fr)
   BURIN A TIGE CIRCULAIRE COMPORTANT UN PORTE-BURIN

Publication
   EP 1945909 A1 20080723 (DE)

Application
   EP 06762197 A 20060627

Priority
   • EP 2006006158 W 20060627
   • DE 102005051449 A 20051027

Abstract (en)
   [origin: US2009160237A1] A circular-shank tool including a tool holder for improving the centering of the shank of the circular-shank tool in the locking sleeve by a configuration of the retaining elements and to improve an ability of the shank to rotate in the sleeve. To achieve this, the retaining elements are distributed between two stamped edges that lie transversely with respect to a longitudinal axis of the locking sleeve and are stamped inwards or indented, the stamped edges extend over part of the circumference of the locking sleeve and are interspaced at a distance that corresponds to the width of the peripheral groove in the shank of the circular-shank tool and the retaining elements form a coaxial concave centering section facing the convex groove base of the peripheral groove.

IPC 8 full level
   E21C 35/197 (2006.01)

CPC (source: EP KR US)
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Citation (search report)
   See references of WO 2007048456A1

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DOCDB simple family (publication)
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   US 8351106 A 20060627; AT 06762197 T 20060627; AU 2006308265 A 20060627; CN 200680040366 A 20060627; CN 200910174945 A 20060627; DE 102005051449 A 20051027; DE 202006020765 U 20060627; DE 502006004821 T 20060627; DK 06762197 T 20060627; EP 06762197 A 20060627; EP 2006006158 W 20060627; ES 06762197 T 20060627; JP 2008536950 A 20060627; KR 20087009623 A 20060627; PL 06762197 T 20060627; RU 2008116675 A 20060627; TW 95134775 A 20060920