

Title (en)

TOOL BITS WITH FLOATING MAGNET SLEEVES

Title (de)

WERKZEUGTEILE MIT BEWEGLICHEN MAGNETHÜLSEN

Title (fr)

MÈCHES D'OUTILS AVEC DES MANCHONS AIMANTÉS FLOTTANTS

Publication

EP 3009234 B1 20200923 (EN)

Application

EP 15180953 A 20150813

Priority

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- TW 103214649 U 20140815
- US 201514817323 A 20150804

Abstract (en)

[origin: EP3009234A1] A tool bit assembly includes a tool bit (900) having a shaft (902) with a first working region (904) disposed at a first end (906) of the shaft and a first reduced diameter portion (912) proximate the working region (904) and disposed between a first shoulder (916) and a second shoulder (920). A floating sleeve (510) has a rear portion with a pair of opposed window openings (514), a front portion supporting a magnet (50), and a pair of balls (516), with each ball disposed in one of the window openings. The floating sleeve (510) is receivable over the tool bit (900) with the magnet (50) proximate the first working regions (904) and the balls (516) received in the first reduced diameter portion (912) to allow the floating sleeve to move between a first position in which the balls abut the first shoulder (916) and a second position in which the balls abut the second shoulder (920).

IPC 8 full level

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CPC (source: EP)

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