

Title (en)  
Off-axis bit or the like.

Title (de)  
Schwenkbarer Schraubeinsatz.

Title (fr)  
Embout de tournevis oscillant.

Publication  
**EP 0308968 A1 19890329 (EN)**

Application  
**EP 88115713 A 19880923**

Priority  
US 10041187 A 19870924

Abstract (en)  
The bit (25) or the like is adapted for use in a driver (10) having a polygonal cavity, enabling the driver (10) to be tilted during use in tightening or loosening the bit (25). The bit (25) is elongated and has two sets of six driving surfaces (31, 36) equiangularly oriented about its longitudinal axis. The driving surfaces (31, 36) of one set are inclined at +10 DEG to the longitudinal axis, and the driving surfaces of the other set are inclined at -10 DEG to the longitudinal axis.

IPC 1-7  
**B25B 15/00**

IPC 8 full level  
**B25B 13/48** (2006.01); **B25B 15/00** (2006.01); **B25B 15/02** (2006.01); **B25B 23/00** (2006.01)

CPC (source: EP)  
**B25B 13/481** (2013.01); **B25B 15/001** (2013.01); **B25B 15/02** (2013.01); **B25B 23/0035** (2013.01)

Citation (search report)  
• US 3897703 A 19750805 - PHIPPS OLIN G  
• DE 827780 C 19520114 - MAX FORST  
• US 3213719 A 19651026 - KLOACK ROBERT C  
• US 3253626 A 19660531 - STILLWAGON JR GEORGE B, et al

Cited by  
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Designated contracting state (EPC)  
DE FR GB

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