

Title (en)  
ANGLE IMPACT TOOLS

Title (de)  
WINKELSCHLAGWERKZEUG

Title (fr)  
OUTIL D'IMPACT D'ANGLE

Publication  
**EP 2933061 A2 20151021 (EN)**

Application  
**EP 15162794 A 20150408**

Priority  
US 201414251552 A 20140411

Abstract (en)  
In at least one illustrative embodiment, an angle impact tool (10) may comprise a handle assembly (12) extending along a first axis and supporting a motor (16), the motor including a shaft (40) configured to rotate about the first axis, and a work attachment (14) coupled to the handle assembly. The work attachment may comprise an impact mechanism (60) including an anvil configured to rotate about a second axis that is non-parallel to the first axis and a hammer configured to rotate about the second axis to periodically deliver an impact load to the anvil, a gear assembly (58) configured to transfer rotation from the shaft of the motor to the hammer of the impact mechanism, and a housing (46,48) supporting the impact mechanism and the gear assembly. The housing may be partitioned along a first parting plane that is perpendicular to the second axis such that the housing includes first and second housing sections.

IPC 8 full level  
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**B25B 21/004** (2013.01); **B25B 21/02** (2013.01); **B25B 21/026** (2013.01); **B25F 5/02** (2013.01)

Citation (applicant)  
US 7886840 B2 20110215 - YOUNG RANDI J [US], et al

Cited by  
EP3978193A1; AU2019200469B2; GB2588270A; GB2595064A; GB2595064B; AU2020203644B2; GB2588270B; US11465267B2

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