

Title (en)  
IMPACT TOOL DRIVER

Title (de)  
SCHLAGWERKZEUGANTRIEB

Title (fr)  
DISPOSITIF D'ENTRAINEMENT POUR OUTIL A PERCUSSION

Publication  
**EP 0942809 A1 19990922 (EN)**

Application  
**EP 98918823 A 19980428**

Priority  
• US 9808536 W 19980428  
• US 90877797 A 19970808  
• US 96225597 A 19971031

Abstract (en)  
[origin: WO9907521A1] A portable impact tool driver (10) is removably attachable to a drive spindle (12) or shaft of a conventional power tool. The impact tool driver (10) has a body member (18) with a drive shaft (22) configured with the body member (18) so as to be rotationally driven thereby. A hammer member (24) is rotationally coupled to the drive shaft (22) and is rotationally driven by the drive shaft (22). The hammer member (24) is also axially movable along the drive shaft (22). The hammer member (24) has a first impact face (26) configured thereon with at least two impact drivers (28). A coupling drive mechanism (30) is disposed between the drive shaft (22) and the hammer member (24) and imparts a rotational and longitudinal movement to the hammer member (24). An anvil member (38) has a second impact face (40) opposite the first impact face (26) with an impact receiver (54) configured thereon for periodic impacting engagement with the impact drivers (28).

IPC 1-7  
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IPC 8 full level  
**B25B 21/02** (2006.01); **B25D 11/10** (2006.01); **B25D 15/00** (2006.01); **B25D 15/02** (2006.01); **F16H 37/16** (2006.01)

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Citation (search report)  
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