

Title (en)  
Impact wrench

Title (de)  
Schlagschrauber

Title (fr)  
Vis autotaraudeuse à frapper

Publication  
**EP 2140977 B1 20120425 (DE)**

Application  
**EP 08011817 A 20080701**

Priority  
EP 08011817 A 20080701

Abstract (en)  
[origin: EP2140977A1] The wrench has an anvil (36), and a hammer including a control part (20) for carrying a set of impact cheeks (24) and for rotation with a drive shaft (10) during non-impact. The control part performs an axial and additional rotational oscillation relative to the shaft during impact. The control part transmits rotation of the shaft to a rotating mass (22) of the hammer. The control part is movably guided in an axial direction in the mass for realizing an impact function, where the mass does not make an axial movement. The cheeks do not project beyond the mass in the direction.

IPC 8 full level  
**B25B 21/02** (2006.01)

CPC (source: EP US)  
**B25B 21/02** (2013.01 - EP US); **B25B 21/026** (2013.01 - EP US)

Cited by  
DE102010038210A1; WO2012049078A1; DE102011000710A1; WO2012110453A1; EP3792003B1

Designated contracting state (EPC)  
AT BE CH DE FR GB LI

DOCDB simple family (publication)  
**EP 2140977 A1 20100106; EP 2140977 B1 20120425**; AT E554883 T1 20120515; CN 101618535 A 20100106; CN 101618535 B 20130703; US 2010000749 A1 20100107

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**EP 08011817 A 20080701**; AT 08011817 T 20080701; CN 200910151843 A 20090701; US 48521709 A 20090616