

Title (en)
Impact wrench

Title (de)
Schlagschrauber

Title (fr)
Vis autotaraudeuse à frapper

Publication
EP 2140978 B1 20121128 (DE)

Application
EP 08011818 A 20080701

Priority
EP 08011818 A 20080701

Abstract (en)
[origin: EP2140978A1] The wrench has a V-shaped grooved impact mechanism including a hammer (20) that makes an axial movement relative to a drive shaft (22) during impact. The hammer has a set of impact cheeks (18) that are engaged with a set of impact cheeks (16) of an anvil (14) for rotational transmission. A spring (28) e.g. compression spring, produces impact energy and is alternately compressed and expanded by the axial movement of the hammer during impact. The spring has spring preload that is continuously or progressively adjustable by an adjusting unit (32).

IPC 8 full level
B25B 21/02 (2006.01)

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

Cited by
WO2023117486A1; WO2023117498A1; JP2013208682A; DE102011005079A1; CN117072595A; KR20180058790A; EP3356636A4;
US9233458B2; WO2013145563A1; DE102011000710A1; WO2012110453A1; DE102010038210A1; WO2012049078A1; DE102021214868A1;
DE102021214864A1

Designated contracting state (EPC)
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