

Title (en)
Impact wrench and control method for same

Title (de)
Schlagschrauber und Steuerungsverfahren für einen Schlagschrauber

Title (fr)
Visseuse à percussion et procédé de commande pour une visseuse à percussion

Publication
EP 2243599 B1 20180704 (DE)

Application
EP 10158723 A 20100331

Priority
DE 102009002479 A 20090420

Abstract (en)
[origin: EP2243599A2] The method involves establishing an operating mode during a predetermined duration, where a drive shaft (5) is rotated in a low speed range during the duration. A determination is made whether an impact spanner (1) applies an impact. The spanner is switched into the mode for a soft substrate, in which speed of the shaft is maintained in the low speed range if the impact does not occur in the range. The spanner is switched into the mode for a hard substrate, in which the speed of the shaft is increased to a high speed range if the impact begins in the low speed range.

IPC 8 full level
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CPC (source: EP US)
B25B 21/02 (2013.01 - EP US); **B25B 23/14** (2013.01 - EP US); **B25B 23/1405** (2013.01 - US); **B25B 23/1475** (2013.01 - EP US)

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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

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EP 10158723 A 20100331; DE 102009002479 A 20090420; JP 2010095473 A 20100416; US 79917410 A 20100419