

Title (en)

Screwdriving tool with free wheel gear

Title (de)

Schraubwerkzeug mit Freilaufgetriebe

Title (fr)

Outil de vissage comprenant un mécanisme de roue libre

Publication

EP 2135714 A3 20100901 (DE)

Application

EP 09172019 A 20080109

Priority

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- DE 102007004987 A 20070201
- DE 102007049304 A 20071015

Abstract (en)

[origin: CA2677166A1] The invention relates to a screwdriving tool, comprising a gear head (205) and a drive arm (203). The gear head (205) forms a gear housing (212), in which a free wheel or ratchet gear (202) having an output rotational axis (201) is arranged. A front side of the gear head (205) comprises an output coupling (204), particularly in the shape of a polygon. The drive arm (203) can be pivoted about a pivot axis (208), which is substantially transverse to the output rotational axis (201), from a quick-action screwdriver position, in which the drive arm (203) is in the output rotational axis (201), into a power-action screwdriver position, in which the drive arm (203) extends substantially transversely to the output rotational axis (201) and can be fixed in both pivot positions by detent means (206). The detent means (206) can be moved from a detent position into a release position by means of an actuating member (213) associated with the drive arm (203). For an enhancement that is advantageous for use, it is proposed to provide two centrifugal masses (225), which are arranged diametrically opposed from each other and associated with the drive arm (203), and a sleeve (226) that is rotatably associated with the drive arm (203).

IPC 8 full level

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Citation (search report)

- [A] US 2001000092 A1 20010405 - JARVIS JACK D [US]
- [AD] US 6634262 B2 20031021 - MALCHUS DARIN [US]

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