

Title (en)
Electric Screwdriver

Title (de)
Elektrischer Schraubenzieher

Title (fr)
Tournevis électrique

Publication
EP 1930123 A1 20080611 (EN)

Application
EP 06125618 A 20061207

Priority
EP 06125618 A 20061207

Abstract (en)
The present invention aims at providing an electric screwdriver capable of reducing the reactive force produced on the occasion of a screw tightening work, etc. It is an electric screwdriver designed to transmit the rotational driving force of a motor M2 to the bit through a bit holder 2, characterized in that it comprises a flywheel 3 rotatively driven by a motor M1 in the direction same as the direction of rotation of the bit holder 2, a brake 4 generating a reactive force F2 in the direction offsetting the reactive force F1 transmitted from the bit to the body casing 1 through the bit holder 2, by braking this flywheel 3, and a brake operating mechanism 5 for operating the brake 4 in response to the magnitude of the reactive force F1 transmitted from the bit to the body casing 1 through the bit holder 2.

IPC 8 full level
B25B 21/00 (2006.01)

CPC (source: EP)
B25B 21/00 (2013.01)

Citation (search report)
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• [A] DE 3331356 A1 19850314 - GARDNER DENVER GMBH [DE]
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CN110116322A; US10099351B2; WO2015018555A1

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DE FR GB IT SE

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