

Title (en)

Screw guide structure of screw driver for collated screws

Title (de)

Schraubenführungsstruktur für einen Schraubendreher für Schraubenbänder

Title (fr)

Structure de guidage de vis d'une visseuse pour vis assemblées

Publication

EP 2786842 A1 20141008 (EN)

Application

EP 14001215 A 20140401

Priority

JP 2013075727 A 20130401

Abstract (en)

A screw guide structure of a screw feeding mechanism of a screw driver (10) is provided. The screw feeding mechanism is configured to sequentially feed collated screws (50) to a driving position. The collated screws (50) are plurality of screws (51) connected by a connecting band (52). The screw guide structure includes a base part (24), a nose member (30) provided on a distal end of the base part (24) in a slidable manner, and a straight-driving guide member (41) supported by the nose member (30) in a displaceable manner so as to guide a screw (51) fed by the screw feeding mechanism to be in a straight posture. The straight-driving guide member (41) has a concave guide groove (41b) configured to guide a shaft (51a) of the screw (51). The straight-driving guide member (41) is configured and arranged such that the shaft (51a) of the screw (51) is engaged into the guide groove (41b) when the screw (51) is fed by the screw feeding mechanism, and such that the straight-driving guide member (41) is displaced when a head (51b) of the screw (51) passes by driving the screw (51) engaged into the guide groove (41b).

IPC 8 full level

B25B 23/04 (2006.01)

CPC (source: CN EP)

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Citation (applicant)

JP 2008119789 A 20080529 - MAKITA CORP

Citation (search report)

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