

Title (en)

Fastener feeder assembly for use with fastener driver apparatus.

Title (de)

Zuführungsbaugruppe für Befestiger mit Eintreibgerät.

Title (fr)

Groupe de construction d'amenée pour fixateur avec appareil à visser.

Publication

EP 0202103 A1 19861120 (EN)

Application

EP 86303617 A 19860513

Priority

US 73349285 A 19850513

Abstract (en)

A pneumatically operated and controlled fastener driving assembly supplies individual screw fasteners (30) which are maintained on a carrier strip (28) in a magazine assembly (24), to a nose assembly (32). When a fastener (30) is positioned in the nose assembly (32), a driver member (34) of a power fastener driving tool (20) engages the fastener and positions the fastener such that the fastener extends out from a workpiece engaging surface of the nose assembly (32). When the fastener is driven into the workpiece to a specified depth, a pneumatically operated and controlled driver mechanism (36) moves the fastener driving tool (20) away from the workpiece. Thereafter, the fastener strip (28) is incrementally advanced by a pneumatically operated feeding mechanism (94) so that a next one of the individual fasteners (30) on the strip (28) is positioned within the nose assembly (32) and the driver mechanism (36) moves the fastener driving tool (20) toward the fastener (30) so that the fastener is removed from the fastener strip (28), positioned so as to be extending out from the nose assembly (32) and ready for driving into the workpiece.

IPC 1-7

B25B 23/04

IPC 8 full level

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CPC (source: EP)

B25B 23/045 (2013.01)

Citation (search report)

- GB 1268717 A 19720329 - ATLAS COPCO AB [SE]
- DE 3347323 A1 19840705 - MURO KINZOKU KOGYO KK [JP]

Cited by

EP1041685A1; FR2791862A1; US6315118B1

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DE FR GB IT NL SE

DOCDB simple family (publication)

EP 0202103 A1 19861120; EP 0202103 B1 19910123; AU 5727986 A 19861120; AU 585609 B2 19890622; CA 1270601 A 19900626; DE 3677049 D1 19910228; JP S61260983 A 19861119; ZA 863487 B 19861230

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