

Title (en)
DEVICE FOR DISPENSING PLASTIC FASTENERS

Title (de)
VORRICHTUNG ZUR AUSGABE VON KUNSTSTOFFBEFESTIGUNGSELEMENTEN

Title (fr)
DISPOSITIF DE DISTRIBUTION D'ATTACHES EN PLASTIQUE

Publication
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Application
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Priority
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Abstract (en)
[origin: WO2013081573A1] Fastener stock (111) and a device (211) for dispensing a plastic fastener (118) from a supply of ladder-type fastener stock (111) includes a pair of separate modules that are independently pneumatically powered by a common air source. Each module is adapted to receive and index a corresponding side rail (113, 115) of the fastener stock, separate a cross-bar (119, 121) therefrom and eject the separated crossbar out through a sharpened needle (243). As a feature of the invention, the pair of modules ejects the cross-bars of the dispensed fastener in an offset relationship to minimize fastener stress. As another feature of the invention, the pair of modules is independently slidably coupled to a common mounting plate (215). In this manner, the spacing and angular orientation between the modules are adjustable. As another feature of the invention, the feed mechanism (247) includes a feed pawl (331) that selectively engages outwardly facing notches (125) formed in the side rail (113, 115) to ensure accurate alignment prior to the severing process.

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CPC (source: EP)
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Cited by
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