

Title (en)
COMPRESSED AIR NAILER WITH A SAFETY FEATURE

Title (de)
DRUCKLUFTNAGLER MIT EINER SICHERHEITSEINRICHTUNG

Title (fr)
CLOUEUR PNEUMATIQUE DOTÉ D'UN DISPOSITIF DE SÉCURITÉ

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Abstract (en)
[origin: WO2021001477A1] The invention relates to a pneumatic nailer having • a working piston, which is connected to a driving ram for driving a fastener and to which compressed air is applied when triggering a driving process, • a trigger (26) and a contact sensor (28), the common actuation of which can trigger a driving process, • a safety device, which has a control volume (72) and which is designed to automatically undertake a safety measure when a pressure threshold in the control volume is exceeded or not met, wherein the control volume is ventilated or vented via a throttle such that a delay time, after the expiration of which the pressure threshold is exceeded or not met, is specified by a volume of the control volume (72) and an opening cross-section of the throttle, characterized in that • the control volume has a volume in the range from 0.5 ml to 20 ml and the throttle is a bore having a diameter in the range from 30 µm to 200 µm.

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