

Title (en)
PNEUMATIC NAIL GUN WITH SECURITY CONTROL CHAMBER

Title (de)
DRUCKLUFTNAGLER MIT SICHERHEITSSTEUERKAMMER

Title (fr)
CLOUEUR A AIR COMPRIME COMPRENANT UNE CHAMBRE DE COMMANDE DE SECURITE

Publication
EP 3257633 B1 20181017 (DE)

Application
EP 16174533 A 20160615

Priority
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Abstract (en)
[origin: WO2017215860A1] A pneumatic nail gun comprising • a working piston that is connected to a driving ram for driving in a fastening means and upon triggering of a drive-in process is pressurized with compressed air, • a triggering device that has a manually actuatable trigger and a contact sensor, wherein a joint actuation of the trigger and contact sensor activates a first control valve and triggers a drive-in process if the pressure in a safety control chamber lies above a predetermined pressure threshold, and • a second control valve that is activated upon actuation of the trigger independent of an actuation of the contact sensor, • wherein the safety control chamber is continuously vented via a throttle irrespective of the position of the second control valve, and is disconnected from a pressurized housing interior upon activation of the second control valve.

IPC 8 full level
B25C 1/04 (2006.01); **B25C 1/00** (2006.01)

CPC (source: EP RU US)
B25C 1/008 (2013.01 - EP US); **B25C 1/04** (2013.01 - RU); **B25C 1/043** (2013.01 - EP US); **B25C 1/047** (2013.01 - EP US)

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Designated contracting state (EPC)
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JP 2019522571 A 20190815; JP 6806802 B2 20210106; RU 2706905 C1 20191121; TW 201800191 A 20180101; TW I686274 B 20200301;
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