

Title (en)
DRIVING DEVICE POWERED BY COMBUSTION GAS WITH LOADING

Title (de)
BRENNGASBETRIEBENES EINTREIBGERÄT MIT AUFLADUNG

Title (fr)
CLOUEUR ENTRAINÉ PAR COMBUSTIBLE COMPRENANT UN MAGAZIN

Publication
EP 3349946 B1 20200805 (DE)

Application
EP 16760727 A 20160906

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• EP 15185079 A 20150914
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Abstract (en)
[origin: WO2017045972A1] The invention relates to a driving-in tool, comprising a driving-in piston (4), guided in a cylinder (3), for driving a nail element into a workpiece, and a combustion chamber (2) which is arranged at the driving-in piston (4) and can be filled with an ignitable fuel-gas mixture. A positive pressure of the fuel-gas mixture in the combustion chamber (2) can be generated particularly by means of a charging element (7). The combustion chamber comprises at least a first sub-housing (2a) and a second sub-housing (2b) that can be moved in an axial direction relative to the first sub-housing (2a), the two sub-housings (2a, 2b) being sealed from each other by means of at least one first seal (15). A contact force can be applied to the seal (15) in the axial direction, said contact force increasing monotonically with the positive pressure in the combustion chamber (2).

IPC 8 full level
B25C 1/08 (2006.01)

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• EP 1459850 A1 20040922 - HITACHI KOKI KK [JP]
• EP 1512496 A1 20050309 - HITACHI KOKI KK [JP]

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