

Title (en)  
Combustion-driven fastening tool

Title (de)  
Brennkraftbetriebenes Setzgerät

Title (fr)  
Appareil de scellement à combustion

Publication  
**EP 1712334 A1 20061018 (DE)**

Application  
**EP 06111706 A 20060324**

Priority  
DE 102005000032 A 20050412

Abstract (en)  
The device has a piston guide (13) with a guiding space in which a rammer head is arranged. A propellant (41) stands in connection with the space through a separating unit (31) provided with transit openings (34, 35). The unit (31) is formed as part of a positioning energy adjusting unit (30) and movably supported. The active opening cross section of a part of the openings is changeable based on the position of the unit (31).

IPC 8 full level  
**B25C 1/08** (2006.01)

CPC (source: EP US)  
**B25C 1/082** (2013.01 - EP US)

Citation (applicant)  
DE 19983546 T1 20010802 - SENCO PRODUCTS [US]

Citation (search report)  

- [DA] DE 19983546 T1 20010802 - SENCO PRODUCTS [US]
- [A] US 2004226975 A1 20041118 - SPERRFECHTER THOMAS [CH], et al
- [A] US 2004178247 A1 20040916 - DITTRICH TILO [AT], et al
- [A] US 3981424 A 19760921 - MAIER ELMAR

Cited by  
EP3184248A1; WO2017108751A1; US10898996B2; US10926388B2

Designated contracting state (EPC)  
DE ES FR GB

Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
**EP 1712334 A1 20061018; EP 1712334 B1 20080924**; CN 1846945 A 20061018; CN 1846945 B 20100609; DE 102005000032 A1 20061019; DE 502006001621 D1 20081106; ES 2312085 T3 20090216; US 2007000458 A1 20070104; US 7308997 B2 20071218

DOCDB simple family (application)  
**EP 06111706 A 20060324**; CN 200610075364 A 20060410; DE 102005000032 A 20050412; DE 502006001621 T 20060324; ES 06111706 T 20060324; US 40493506 A 20060414