

Title (en)

Fastener driving tool

Title (de)

Eintreibgerät für Befestigungsmittel

Title (fr)

Outil d'enforcement d'éléments de fixation

Publication

**EP 0744250 A3 19970226 (DE)**

Application

**EP 96104462 A 19960321**

Priority

DE 29508658 U 19950524

Abstract (en)

[origin: EP0744250A2] The drive-in device has a housing with valve chamber containing a valve piston (24) which has axially aligned through bores (37) through which extend connecting webs (44). These connecting webs are connected at one end to a sealing ring (42) on the underneath (38) of the valve piston and at the other end to a damping ring (43) on the top side (40) of the piston. The sealing ring and/or damping ring project slightly over the underneath and/or top side of the piston. The valve piston has on the underneath and/or top side shoulders (39,41) supporting the sealing ring and damping ring at the side. The distance between the shoulders increases towards the underneath and/or top side.

IPC 1-7

**B25C 1/04**

IPC 8 full level

**B25C 1/04** (2006.01); **B25C 7/00** (2006.01)

CPC (source: EP US)

**B25C 1/042** (2013.01 - EP US)

Citation (search report)

- [A] FR 2427534 A1 19791228 - MONACELLI UMBERTO [IT]
- [A] EP 0620085 A1 19941019 - BEHRENS AG FRIEDRICH JOH [DE]

Cited by

CN101992443A; US6672755B1

Designated contracting state (EPC)

DE IT SE

DOCDB simple family (publication)

**DE 29508658 U1 19950727**; DE 59601854 D1 19990617; EP 0744250 A2 19961127; EP 0744250 A3 19970226; EP 0744250 B1 19990512; JP 3422899 B2 20030630; JP H08318476 A 19961203; US 5782395 A 19980721

DOCDB simple family (application)

**DE 29508658 U 19950524**; DE 59601854 T 19960321; EP 96104462 A 19960321; JP 14806896 A 19960516; US 65047196 A 19960520