

Title (en)
Bolt driving tool acting via an intermediate anvil

Title (de)
Setzgerät mit Treibkolben

Title (fr)
Appareil de scellement à tir indirect

Publication
EP 1428628 B1 20071003 (FR)

Application
EP 03293076 A 20031209

Priority
FR 0215642 A 20021211

Abstract (en)
[origin: EP1428628A1] The apparatus has a feeder (2) moving in a canon (3) between firing and fixing positions. Brake ball bearings (6) for the feeder and lever arms (7) are pivoted on a guide plug. The arms are arranged to modulate radial action of the ball bearings based on relative movement of the canon and feeder between a maximum force when the feeder advances the canon and a minimum force when the feeder backs up.

IPC 8 full level
B25C 1/14 (2006.01)

CPC (source: EP KR US)
B25C 1/14 (2013.01 - EP KR US)

Cited by
EP2233250A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1428628 A1 20040616; EP 1428628 B1 20071003; AT E374671 T1 20071015; AU 2003268701 A1 20040701; AU 2003268701 B2 20060615; CA 2452314 A1 20040611; CA 2452314 C 20070515; CN 100513982 C 20090715; CN 1506651 A 20040623; DE 60316653 D1 20071115; DE 60316653 T2 20080717; ES 2292921 T3 20080316; FR 2848489 A1 20040618; FR 2848489 B1 20060203; KR 100523025 B1 20051024; KR 20040051534 A 20040618; TW 200413689 A 20040801; TW I224186 B 20041121; US 2004262362 A1 20041230; US 6837411 B1 20050104

DOCDB simple family (application)
EP 03293076 A 20031209; AT 03293076 T 20031209; AU 2003268701 A 20031211; CA 2452314 A 20031205; CN 200310120443 A 20031211; DE 60316653 T 20031209; ES 03293076 T 20031209; FR 0215642 A 20021211; KR 20030089763 A 20031210; TW 92134734 A 20031209; US 73025903 A 20031209