

Title (en)
CARTRIDGE DISPENSING GUNS

Title (de)
AUSGABEPISTOLE FÜR KARTUSCHEN

Title (fr)
TETES DE PISTOLAGE ALTERNATIVE DE CARTOUCHE

Publication
EP 1268084 A4 20030402 (EN)

Application
EP 01905491 A 20010215

Priority
• AU 0100149 W 20010215
• AU PQ598100 A 20000301

Abstract (en)
[origin: WO0164353A1] A cartridge dispensing gun comprises a pusher mechanism for incrementally displacing a dispensing piston of the cartridge, said pusher mechanism comprising a pusher rod (4) incrementally advanced by actuation of a trigger to tilt and displace a gripper associated with the rod. The gripper is formed by two or more gripper plates (16) mounted in parallel, and each having a passage through which the rod passes. The passage in the gripper plate is bounded at one side of the gripper plate by an arc of part-circular shape to define a part-circular edge which grips the rod when the gripper plate is tilted upon actuation of the trigger and also by a surface which is inclined to the axis of the passage and which contacts the surface of the rod when the gripper plate is tilted to thereby restrict the extent to which the edge can penetrate into the rod and cause damaging scoring of the rod.

IPC 1-7
B05B 11/02; **B05C 17/01**

IPC 8 full level
B05B 11/02 (2006.01); **B05C 5/00** (2006.01); **B05C 17/005** (2006.01); **B05C 17/01** (2006.01)

CPC (source: EP)
B05C 17/0123 (2013.01)

Citation (search report)
• [XY] DE 4231419 A1 19940324 - HILTI AG [LI]
• [Y] US 2530359 A 19501114 - PETERSON WILBUR P
• [Y] GB 1520762 A 19780809 - LOCTITE CORP
• [A] US 4330070 A 19820518 - DOUBLEDAY IAN E
• [AD] GB 2194989 A 19880323 - P C COX
• See references of WO 0164353A1

Cited by
DE102012216965A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 0164353 A1 20010907; AT E286784 T1 20050115; AU PQ598100 A0 20000323; CA 2400717 A1 20010907; CA 2400717 C 20091110; DE 60108362 D1 20050217; DE 60108362 T2 20050602; DK 1268084 T3 20050530; EP 1268084 A1 20030102; EP 1268084 A4 20030402; EP 1268084 B1 20050112; ES 2234808 T3 20050701; NZ 520987 A 20030131; PT 1268084 E 20050531; TW 486389 B 20020511

DOCDB simple family (application)
AU 0100149 W 20010215; AT 01905491 T 20010215; AU PQ598100 A 20000301; CA 2400717 A 20010215; DE 60108362 T 20010215; DK 01905491 T 20010215; EP 01905491 A 20010215; ES 01905491 T 20010215; NZ 52098701 A 20010215; PT 01905491 T 20010215; TW 90104293 A 20010221