



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : F42B 10/40	A1	(11) International Publication Number: WO 98/26249 (43) International Publication Date: 18 June 1998 (18.06.98)
(21) International Application Number: PCT/SE97/02064 (22) International Filing Date: 9 December 1997 (09.12.97) (30) Priority Data: 9604613-1 13 December 1996 (13.12.96) SE (71)(72) Applicant and Inventor: GUNNERS, Nils-Erik [SE/SE]; Furudalsvägen 10, S-137 34 Västerhaninge (SE). (74) Agent: NORÉN, Per, Bo, Arne; Swedpatent AB, P.O. Box 186, S-746 24 Balsta (SE).		(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> <i>In English translation (filed in Swedish).</i>

(54) Title: BASE BLEED UNIT

(57) Abstract

Base bleed unit comprising a surrounding housing (1) surrounding at least one mass flow generating gun powder charge (7), and having at least one outlet hole (6, 6') extending through a rear wall (3) of the housing (1), in which also at least one igniter charge (4) is arranged. According to the invention, an internal and the rear wall (3) adjacent portion of the mass flow generating gun powder charge (7) is arranged abutting a preferably substantially conically narrowing supporting wall surface extending from the rear wall (3). The preferably substantially conically narrowing supporting wall surface may comprise a centrally located member (5), extending from and integrated with the internal surface of the rear wall (3) of the base bleed unit, arranged to act as a supporting surface with its external surface, or with such a member attached to said internal surface. The preferably substantially conically narrowing wall surface may also comprise a collar shaped member. The rear wall (3) of the surrounding housing (1) is advantageously arranged with a substantially centrally located through hole, in which the igniter charge (4) is mountable/demountable from the outside plane of the rear wall (3).

