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(21) International Application Number: PCT/SE96/00470 (22) International Filing Date: 11 April 1996 (11.04.96) (30) Priority Data: 9501521-0 25 April 1995 (25.04.95) SE (71) Applicant (for all designated States except US): BOFORS AB [SE/SE]; S-691 80 Karlskoga (SE). (72) Inventors; and (75) Inventors/Applicants (for US only): BRINK, Joakim [SE/SE]; P1 8589:A, S-691 93 Karlskoga (SE). ERIKSSON, Leif [SE/SE]; Fridhem 8231, S-691 93 Karlskoga (SE). (74) Agent: FALK, Bengt; Bofors AB, Patents and Trademarks, S- 691 80 Karlskoga (SE).	(81) Designated States: NO, <u>SG</u>, US , European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report.</i>	
(54) Title: MUZZLE DEVICE FOR COMBINED BLAST OVER PRESSURE AND MUZZLE FLASH REDUCTION (57) Abstract The present invention relates to a method and a device for reducing blast over pressure and limiting muzzle flash when firing barrel weapons mainly of the fully automatic larger calibre type such as automatic air defense guns. The invention is based on allowing the propellant gases when they have left the barrel to expand in a chamber (5) with enclosed sides and the only inlet to the chamber is the barrel muzzle (1) and the only outlet is an opposite opening (6) which is directly connected to a diffuser-formed flash guard (7). The invention also includes certain critical relationships between the components included.		