
Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Abstract: A fire extinguishing device of the explosive type is disclosed for use in interior or localized exterior configurations, wherein the force of detonation is minimalized through the use of low-density, low-mass components. The present invention is an improvement of U.S. Patent 6,796,382 by the same inventor, wherein the pyrotechnic detonator is advanced upon to attenuate the sound of the previous invention, and improve upon the omni-directional dispersal of the fire retardant agent. The exterior ball is composed of a lightweight casing of rigid plastic foam or other suitably irragible material, with an abrasion-resistant, thin plastic, protective, exterior sheathing. Within the internal cavity of the device, the above-mentioned low-yield pyrotechnic detonator is located inside and is actuated by fuse cords secured at or near the exterior surface. The interior volume of the hollow casing is charged with fire-retardant chemical agents.