

Semi-automatic pistol with muzzle gas exhaust contains fixed barrel, barrel-enclosing gas piston, muzzle brake, and bolt. Located within barrel jacket, barrel-enclosing gas piston is designed to lower breech block head located in barrel extension under the action of diverted gases, breech block head being designed with the possibility of holding and releasing bolt, which is designed with the possibility of rigidly locking and unlocking fixed barrel bore.