

Title (en)
TIME FUZE FOR BLASTING

Publication
EP 0250737 B1 19900613 (DE)

Application
EP 87105426 A 19870411

Priority
DE 3614204 A 19860426

Abstract (en)
[origin: US4809610A] A nonelectric delay detonator has means for allowing an ignition flame to be transmitted from an ignition transfer hose to a delay device. The delay device causes a secondary charge to detonate after a predetermined delay time. In order to obtain reproducible delay times of the delay device, a check valve is arranged between one end of the ignition transfer hose and the delay device; this check valve being opened for a short time period due to the excess pressure in the hose and permitting the ignition flame to pass through. During deflagration of the delay device, the check valve is closed again so that the delay device burns within a closed system. In this manner, undefined pressure and gas losses are avoided.

IPC 1-7
F42B 3/16; F42C 9/10

IPC 8 full level
F42B 3/16 (2006.01); **F42C 9/10** (2006.01); **F42C 15/34** (2006.01)

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