

Abstract

The invention relates to a detonator system for hand grenades, having an ignition element (1) which after initiation triggers a delay and safety device, which, with a time delay after the initiation, fires a detonator (7), which then ignites an ignition booster (8), wherein the delay and safety device includes a dual safety device of two independent parts. So that the hand grenade detonator system according to the invention includes a purely pyrotechnic detonator system instead of a pyrotechnic-mechanical system, it is suggested that the delay and safety device consists of two pyrotechnic ignition delay devices with different delay times—specifically a safety element (3) and a delay element (4)—wherein the delay time of the safety element (3) is shorter than the delay time of the delay element (4), and the safety element (3) includes a timing composition which, once it has burned through, ignites a gas charge (9), the gas of which opens blocking elements (5), and the delay element (4) includes a firing charge, and the firing charge is only in operative connection with the detonator (7) after the opening of the blocking elements (5).