Abstract

Control Element, Firing Unit and Firing Assembly for a Weapon

The invention relates to a control element (50) for a hammer (3) that can be pivoted about a pivoting axis (7). The hammer can be locked in the loaded position with a counter-surface (29) of a release element (30, 31) by means of detent surface (27). The hammer (3) has a control curve section (23), which, in a pivoting position that differs from the loaded position, engages with a control surface (32) of the release element (30, 31), holding the latter in an unlocked position. The control element (50) has a first control curve region (54), which is adjacent to the control curve section (23) and can be adjusted in the pivoting direction to expand said section and which engages with the control surface (32) in order to reduce the required pivoting space of the control curve section (23) and the control curve region (54) when the hammer (3) is moved from a firing position into the loaded position. The invention also relates to a firing unit comprising a control element (50) of this type in addition to an interchangeable firing assembly (1) comprising a hammer (3) and a trigger assembly that has a trigger bar (31), a detent surface (27), which acts by means of an elongated lever arm in relation to the pivoting axis (7), being located on the hammer (3). Said firing assembly (1) is compatible with an existing firing unit and is designed to be interchanged with the latter, the control curve (C) of the assembly having the same or less required pivoting space. The curve is traced by a hammer (A) of the firing assembly, said hammer having a detent surface (B) with a shorter lever arm acting in relation to the pivoting axis.

Figure 1.