Title (en)

MASS-LOCKABLE BREECH MECHANISM FOR A WEAPON

Title (de)

MASSENVERRIEGELBARES WAFFENVERSCHLUSSSYSTEM

Title (fr)

SYSTÈME DE CULASSE D'ARME À VERROUILLAGE MASSIQUE

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Application

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Abstract (en)

[origin: WO2014079795A1] The invention relates to a mass-lockable breech mechanism (1) for a weapon, with a breech part (3) that can be mounted movably in a breech casing (2) of a corresponding weapon and with an elastic closing element (12). In order that such a breech mechanism (1) has a high degree of functional reliability and in order to ensure that the firing of high-performance ammunition does not involve any significant increase in weight of the corresponding weapon, the invention proposes integrating the closing element (12) in the breech part (3). A hydraulic transmission, connected in series with the closing element (12) and likewise arranged in the breech part (3), achieves the effect here that the closing element (12) can be made very short and that the spring characteristic can have a gradually rising increase in force.

IPC 8 full level

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