

Title (en)
WEAPON SYSTEM AND BREECHBLOCK

Title (de)
WAFFENSYSTEM UND VERSCHLUSS

Title (fr)
SYSTÈME D'ARME ET CULASSE

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Application
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Abstract (en)
[origin: WO2021013550A1] The invention relates to a weapon system (3) having a breechblock (2), wherein the breechblock (2) can be mechanically connected to a drive (1) of the weapon system (3). The weapon system (3) comprises means (13, 14) which are designed in such a way that a mechanical separation occurs between the breechblock (2) and the breechblock drive (1) with the recoil of the recoiling masses of the weapon system (3). With the forward motion of the recoiling masses, the mechanical connection between the breechblock drive (1) and the breechblock (2) is re-formed. In order to achieve a reduction or even an elimination of the forces acting on the breechblock drive when unlocking the breechblock (2) and removing a cartridge casing, it is provided that the actual unlocking of the breechblock (2) and the removal of the cartridge casing is carried out during the forward motion of the recoiling masses after the recoil. When the breechblock (2) is locked, the breechblock head (7) and the breechblock carrier (6) are locked against one another, but are freely moveable on guides towards the breechblock drive (1) for the expected weapon recoil. A breechblock (2) is also proposed, wherein the breechblock (2) is formed at least by a breechblock carrier (6) and a breechblock head (7). The breechblock carrier (6) supports the breechblock head (7). The breechblock head (7) has a locking groove (7.1). A means (16) for locking the breechblock head (7) to the breechblock carrier (6) is engaged in the locking groove (7.1).

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