Title (en)

ELECTROMECHANICAL PERCUSSION CAP

Title (de)

ELEKTROMECHANISCHES ANZÜNDHÜTCHEN

Title (fr)

CAPSULE D'ALLUMAGE ÉLECTROMÉCANIQUE

Publication

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Application

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Priority

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Abstract (en)

[origin: CA2920450A1] The invention relates to an electromechanical percussion cap with an explosive mixture (7) for the optionally electrical or mechanical initiation of the explosive mixture (7), with an outer metal cup (1), an electrically conductive pole piece (3), a firing bridge carrier body (5) of an electrically insulating material with a through-bore (13), on the upper side of which a firing bridge (9) is arranged, and with an abutment (8) placed on the explosive mixture (7), wherein a hole (4) through which the pole piece (3) protrudes has been made in the bottom of the metal cup (1) and the pole piece (3) is electrically connected to a second pole of the firing bridge (9) and the first pole of the firing bridge (9) is electrically coupled to the metal cup (1). Part of the explosive mixture (7) lies on a bearing surface (14) of the pole piece (3) and the abutment (8) protrudes as far as the through-bore (13) of the firing bridge carrier body (5) or into or through the bore (13) and is made to extend up to above the bearing surface (14).

IPC 8 full level

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