

Title (en)

SHOT WITH A GUIDE CAGE AND PUSHER PLATE WITH ACCELERATION-OPTIMIZED OPENING

Title (de)

GESCHOSS MIT EINEM FÜHRUNGSKÄFIG UND PUSHERPLATTE MIT BESCHLEUNIGUNGSOPTIMISierter ÖFFNUNG

Title (fr)

PROJECTILE AVEC LOGEMENT DE GUIDAGE ET PLAQUE DE PROPULSION AVEC OUVERTURE À ACCÉLÉRATION OPTIMISÉE

Publication

**EP 2176620 A1 20100421 (DE)**

Application

**EP 08773998 A 20080716**

Priority

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- DE 102007037738 A 20070809

Abstract (en)

[origin: US8250988B2] The invention relates to a subcaliber projectile, particularly for a dart projectile, having a resistance-stabilizing, conically designed guide mechanism having a frustum-shaped recess, wherein a guide cage has a substantially hollow cylindrical design in which a propulsion element is integrated therein on a rear side. To allow the propulsion element to be produced in a simple fashion and the guide cage to be lighter weight than comparable known drive cages, the propulsion element is designed substantially only as a disk-shaped metal plate extending transverse to the longitudinal axis of the guide cage, wherein the drive element is mounted on an edge in an annular groove-shaped recess of the inner wall of the guide cage, wherein the disk-shaped metal plate comprises a central through hole, the diameter of which is as large as possible, but smaller than the maximum diameter of the frustum-shaped recess of the guide mechanism.

IPC 8 full level

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Designated extension state (EPC)

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