

Title (en)
SABOT PROJECTILE

Title (de)
TREIBKÄFIGGESCHOSS

Title (fr)
PROJECTILE À SABOT

Publication
EP 2294354 A1 20110316 (DE)

Application
EP 09768882 A 20090526

Priority
• EP 2009003704 W 20090526
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Abstract (en)
[origin: WO2009156033A1] The invention relates to a sabot projectile (1; 1 ') including a sub-caliber projectile body (2; 2'; 2") and a sabot (4; 4'), which comprises a driving element (5) acting on the projectile body (2; 2'; 2") on the rear side and a guide cage (7; 7'; 7"), which is made of metal, follows the driving element (5) on the front, is segmented and substantially cylindrical, wherein the guide cage (7; 7'; 7") comprises a central recess (17; 17') extending in the axial direction through which the projectile body (2; 2'; 2") is guided. In order to achieve relative low cost production of the sabot projectile (1; 1 '), a low weight and good detachment of the sabot (4; 4') from the projectile body (2; 2'; 2") after firing, according to the invention a hollow cylinder is used as the guide cage (7; 7'; 7"), on the inside wall (103) of which preferably a plurality of radial transversal ribs (104) are arranged, which are arranged at a distance from each other and extend in the direction of the longitudinal axis (100) of the sabot (4; 4') and also in the direction of the projectile body (2; 2'; 2").

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