Title (en)

Apparatus for accelerating projectiles from a dummy shuttle loom

Title (de)

Vorrichtung zur Beschleunigung des Projektils einer Projektilwebmaschine

Title (fr)

Dispositif pour accélérer le projectile d'un métier à tisser à projectile

Publication

EP 0545855 B1 19960221 (DE)

Application

EP 92810842 A 19921103

Priority

CH 354691 A 19911203

Abstract (en)

[origin: EP0545855A1] The apparatus for accelerating the projectile of a projectile weaving machine has a torsion-bar shooting device (1) with a striking lever (3) which has, at its end facing away from the torsion bar (2), a striking piece (34) acting directly on the impact face (43) of the projectile (4) during the shoot. The projectile (4) of the weaving machine, which has a housing formed by a hollow body, can be partially closed at the rear, as seen in the direction of flight. The striking piece (34) arranged rotatably on the striking lever (3) has at least one striking face (33) which is so oriented by an orientation element (5) that, at the latest immediately before the shot is triggered, the striking face (33) is matched to the impact face (43) of the projectile (4), thus, for example, as two parallel faces. The impact energy is transmitted to the projectile (4) in a manner distributed uniformly over the impact face (43), this having an advantageous influence on the wear of the striking face (33) and impact face (43). <IMAGE>

IPC 1-7

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