

Title (en)
Rubber pellet package

Title (de)
Gummischrotpackung

Title (fr)
Paquet de balles en caoutchouc

Publication
EP 1884737 A2 20080206 (DE)

Application
EP 07405205 A 20070713

Priority
CH 12492006 A 20060803

Abstract (en)

The rubber pellet packing (10) useful in fire arm, comprises a pre-determined or approximately pre-determined number of hard rubber elements (11) arranged in the sealed packing and surrounded by a plastic foil (13). The rubber elements are intended for firing as active charge loaded with a powder separated by powder loading. A plate (20) is intended for introduction side arranged opposite to the powder loading. The rubber elements are tightly connected with the rubber pellet packing. The plate has outer diameter corresponding to the dimension of firing cup. The rubber pellet packing (10) useful in fire arm, comprises a pre-determined or approximately pre-determined number of hard rubber elements (11) arranged in sealed packing and surrounded by a plastic foil (13). The rubber elements are intended for firing as active charge loaded with a powder separated by a powder loading. A plate (20) is intended for introduction side arranged opposite to the powder loading. The rubber elements are tightly connected with the rubber pellet packing. The plate has outer diameter corresponding to the dimension of firing cup and is intended on each side of the packing. The plastic foil bounds with the plate, which is placed on the foil and/or which is fastened to the hard rubber elements. The plate has a thickness of 3-6 millimeter and is connected with the foil by an adhesive and/or by ultrasonic welding. The plastic foil is a hose, which shrinks during admission of heat.

Abstract (de)

Eine Gummischrotpackung (10) umfasst eine vorbestimmte oder ungefähr vorbestimmte Anzahl von Hartgummielementen (11), die in einer dichten Packung angeordnet sind. Dabei sind die Hartgummielemente (11) insgesamt von einer Kunststoffolie (13) umgeben. Solch eine Gummischrotpackung (10) ist zum Verschossen als Wirkladung mit einer von der Wirkladung getrennten Pulverladung vorgesehen. Dabei ist mindestens eine, für die Einführseite gegenüber der Pulverladung vorgesehene Scheibe (20) angeordnet, die einen den Ausmassen des Verschlussbechers entsprechenden Aussendurchmesser aufweist und die axial mittig zu den Hartgummielementen (11) mit der Gummischrotpackung (10) fest verbunden ist.

IPC 8 full level
F42B 7/04 (2006.01); **F42B 5/03** (2006.01)

CPC (source: EP US)
F42B 5/03 (2013.01 - EP US); **F42B 7/046** (2013.01 - EP US); **F42B 12/74** (2013.01 - EP US)

Citation (applicant)
• US 6283037 B1 20010904 - SCLAFANI PROCOPIO J [US]
• EP 0103509 A1 19840321 - LEFEBVRE JEAN PASCAL
• GB 527137 A 19401002 - WLADIMIR DE GARKOVENKO

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EP 1884737 A2 20080206; **EP 1884737 A3 20091014**; **EP 1884737 B1 20180516**; ES 2680499 T3 20180907; HU E038695 T2 20181128; PL 1884737 T3 20190531; US 2008141892 A1 20080619

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