

Title (en)
Manufacturing method for an explosive ammunition element having a fragmentation/hull construction

Title (de)
Verfahren zur Herstellung eines Munitionselementes mit Splitterwirkung der Hülle

Title (fr)
Procédé de fabrication d'un élément de munition explosive à fragmentation contrôlée

Publication
EP 0774643 B1 20011017 (FR)

Application
EP 96402415 A 19961113

Priority
FR 9513591 A 19951116

Abstract (en)
[origin: EP0774643A1] The procedure consists of making a rigid sleeve of a plastic or elastomer material with external surface indentations and in the form of a container with a single aperture, inserting the sleeve into a metal shell with its shape and dimensions such that the sleeve covers its inner wall. An explosive compound in paste or liquid form is then poured into the sleeve and allowed to harden. PREFERRED MATERIALS - The sleeve is made from a plastic or elastomer material selected from the group comprising polyalkylenes, natural and synthetic elastomers, or polyethylene. The explosive compound is made from an organic polymerisable binding agent with an organic nitrate charge, and is solidified by polymerisation of the binding agent, or it can be of a granulated nitrate charge in suspension in a molten explosive which sets on cooling.

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IPC 8 full level
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