

Title (en)
Shotgun pellets with knurled surface

Title (de)
Schrothageln mit gerändelter Oberfläche

Title (fr)
Grenaille à surface moletée

Publication
EP 0718589 A1 19960626 (EN)

Application
EP 95203504 A 19951215

Priority
IT MI942575 A 19941220

Abstract (en)
Shotgun pellets consist of virtually spherical bodies exhibiting a knurled surface made up of a plurality of protuberances (13) and depressions (14). The tips (15) of the protuberances constitute virtually deformable external surfaces of the pellets. The protuberances (13) may cover the entire surface of the pellet and have a virtually pyramidal shape, the height of these protruberances (13) with respect to the bottom of the depressions (14) being virtually between 0.15% and 20% of the pellet diameter, preferably around 5% and in any case greater than 15 μ m (micrometer). The pellet may be made from soft iron with Vickers hardness between 80 and 120 HV, preferably between 90 and 100 HV. <IMAGE>

IPC 1-7
F42B 7/04

IPC 8 full level
F42B 7/10 (2006.01); **B22F 1/06** (2022.01); **F42B 7/04** (2006.01)

CPC (source: EP KR US)
B22F 1/06 (2022.01 - EP KR US); **F42B 7/046** (2013.01 - EP KR US)

Citation (search report)

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EP 0718589 A1 19960626; EP 0718589 B1 19980902; AT E170622 T1 19980915; AU 4022695 A 19960627; CA 2163962 A1 19960621; DE 69504465 D1 19981008; DE 69504465 T2 19990304; IT 1271307 B 19970527; IT MI942575 A0 19941220; IT MI942575 A1 19960620; JP H08226797 A 19960903; KR 960024241 A 19960720

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