

Title (en)
OPTICAL IMPACT GENERATOR CAPABLE OF BEING INCORPORATED

Title (de)
TRAGBARER, OPTISCHER GENERATOR ZUM ERZEUGEN EINES AUFPRALLS

Title (fr)
GENERATEUR OPTIQUE D'IMPACT EMBARQUABLE

Publication
EP 1133668 B1 20030723 (FR)

Application
EP 99956104 A 19991122

Priority
• FR 9902862 W 19991122
• FR 9814718 A 19981123

Abstract (en)
[origin: FR2786324A1] Optical impact generator has a laser source transmitting a laser beam towards three layers. The first layer (5) is a plasma generator, the second layer (4) provides isolation and the third layer (3) forms a projectile for impacting. The first layer has a low reflection to the beam from the laser source. The impact unit can be encased and is miniature.

IPC 1-7
F42B 3/113

IPC 8 full level
F42B 3/113 (2006.01)

CPC (source: EP)
F42B 3/113 (2013.01)

Cited by
CN105223170A

Designated contracting state (EPC)
DE ES FR IT NL SE

DOCDB simple family (publication)
FR 2786324 A1 20000526; FR 2786324 B1 20001215; DE 69909825 D1 20030828; DE 69909825 T2 20040415; EP 1133668 A1 20010919; EP 1133668 B1 20030723; ES 2204172 T3 20040416; WO 0031496 A1 20000602

DOCDB simple family (application)
FR 9814718 A 19981123; DE 69909825 T 19991122; EP 99956104 A 19991122; ES 99956104 T 19991122; FR 9902862 W 19991122