

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

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**FR 9814718 A 19981123**; DE 69909825 T 19991122; EP 99956104 A 19991122; ES 99956104 T 19991122; FR 9902862 W 19991122