

Title (en)

Device for the production of pyrotechnical effects.

Title (de)

Vorrichtung zur Erzeugung pyrotechnischer Effekte

Title (fr)

Dispositif pour la production d'effets pyrotechniques

Publication

EP 1677067 A1 20060705 (DE)

Application

EP 05024893 A 20051115

Priority

- DE 102005000769 A 20050104
- DE 102005046305 A 20050927

Abstract (en)

Device for production of pyrotechnic effect with preferably several pyrotechnic charges (10,26) and ignition agents (12, 32) held in a common body casing (11), consisting of several layers, one of which comprises a data storage layer, especially a chip (20), preferably an externally accessible chip.

IPC 8 full level

F42B 4/02 (2006.01); **F42B 8/00** (2006.01)

CPC (source: EP US)

F41A 33/04 (2013.01 - EP); **F42B 3/103** (2013.01 - EP); **F42B 3/12** (2013.01 - EP); **F42B 3/121** (2013.01 - EP); **F42B 3/124** (2013.01 - EP); **F42B 3/125** (2013.01 - EP); **F42B 4/00** (2013.01 - EP US); **F42B 4/24** (2013.01 - EP US); **F42B 8/00** (2013.01 - EP US)

Citation (applicant)

US 2003047064 A1 20030313 - DITTRICH TILO [AT], et al

Citation (search report)

- [XY] US 2003047064 A1 20030313 - DITTRICH TILO [AT], et al
- [Y] US 3435765 A 19690401 - GAWLICK HEINZ, et al
- [X] US 6474212 B1 20021105 - GRAZIOLI MARIO [CH], et al
- [X] FR 2759159 A1 19980807 - GAC ALAIN LOUIS [FR]
- [X] US 3349710 A 19671031 - DINO SPOSIMO
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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1677067 A1 20060705; EP 1677067 B1 20110720; AT E517313 T1 20110815; DE 102005046305 A1 20060713; US 2006162602 A1 20060727; US 7717041 B2 20100518

DOCDB simple family (application)

EP 05024893 A 20051115; AT 05024893 T 20051115; DE 102005046305 A 20050927; US 29797505 A 20051208