

Title (en)

Fireworks element

Title (de)

Feuerwerkskörper

Title (fr)

Élément d'artifice pyrotechnique

Publication

EP 1757898 A3 20081126 (DE)

Application

EP 06015534 A 20060726

Priority

- DE 202005013579 U 20050826
- DE 202005018364 U 20051124

Abstract (en)

[origin: EP1757898A2] The firecracker has an effective body (10), a cover (13) arranged on upper side (27) of the body. The cover has a wall and a flange or guide (17) that is connected to an edge of the wall of a cover (14). A casing partially surrounds the body, and a sleeve (20) covers and overlaps the flange or the guide of the cover wall from outside. The sleeve is formed from a single pre-cut part.

IPC 8 full level

F42B 4/24 (2006.01)

CPC (source: EP)

F42B 4/24 (2013.01)

Citation (search report)

- [XY] US 2004211334 A1 20041028 - MARIETTA MICHAEL S [US]
- [YA] US 5113765 A 19920519 - CAREY JAMES [US], et al
- [A] DE 29921545 U1 20000316 - ART IN HEAVEN GMBH [DE]

Cited by

CN105004226A; DE202013100182U1; DE202013100181U1; DE202014104601U1

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

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1757898 A2 20070228; EP 1757898 A3 20081126; EP 1757898 B1 20110302; AT E500484 T1 20110315; DE 202005018364 U1 20060119; DE 502006008979 D1 20110414

DOCDB simple family (application)

EP 06015534 A 20060726; AT 06015534 T 20060726; DE 202005018364 U 20051124; DE 502006008979 T 20060726