

Title (en)
Blocking element for closing a passage

Title (de)
Sperrelement zum Verschließen eines Durchgangs

Title (fr)
Élément de blocage destiné à fermer un passage

Publication
EP 2537561 A3 20140827 (DE)

Application
EP 12004439 A 20120613

Priority
DE 102011105304 A 20110622

Abstract (en)
[origin: EP2537561A2] The blocking device (10) has a pyrotechnic set (12) discharging heat during combustion and a thermo-expandable solid (14). The pyrotechnic set and the thermo-expandable solid are arranged relative to each other and to the passage way. The solid and the pyrotechnic set are so selected that the solid expand during combustion of the pyrotechnic set and closes the passage way. The passage way is an opening (18). The blocking device also has a container (16) with another opening (20), where the pyrotechnic set and the solid are arranged in the container.

IPC 8 full level
A62C 2/06 (2006.01); **A62C 3/16** (2006.01)

CPC (source: EP)
A62C 2/065 (2013.01); **A62C 3/16** (2013.01)

Citation (search report)

- [X] DE 19617017 A1 19971211 - NIEMANN HANS DIETER [DE]
- [A] DE 102008016421 A1 20091008 - AIRBUS GMBH [DE]
- [A] DE 19964021 A1 20010705 - FRIATEC AG [DE]
- [A] EP 1180629 A2 20020220 - HILTI AG [LI]

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EP3470717A1; EP3470718A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2537561 A2 20121226; EP 2537561 A3 20140827; EP 2537561 B1 20160608; DE 102011105304 A1 20121227;
DE 102011105304 B4 20170928; IL 219822 A0 20121031; IL 219822 A 20161229; ZA 201204560 B 20130227

DOCDB simple family (application)
EP 12004439 A 20120613; DE 102011105304 A 20110622; IL 21982212 A 20120516; ZA 201204560 A 20120620