

Title (en)
Connector for detonators

Title (de)
Verbindungselement für Detonatoren

Title (fr)
Dispositif de connection pour détonateurs

Publication
EP 2284476 A3 20140226 (EN)

Application
EP 09466028 A 20091228

Priority
• CZ 2009543 A 20090812
• CZ 2009544 A 20090812

Abstract (en)
[origin: EP2284476A2] A connector of non-electrical detonators made of elastically flexible plastic material, consisting of a head (1) for the fastening of detonating tubes, a hollow body (2) for the insertion of an initial detonator and a base (3) for the initial detonator fixation, where the head (1) is made of a flat axial part (11) and at least one lateral flap (12) connected to the axial part (11) in the upper part of the head (1) by a connecting bridge (16), where the lateral flap (12) is in its lower part fitted with an elastic flat plate (15) which has a locking catch (41) on the inside that together with an anchor (42) in the lower part of the head (1) make a snap-on lock (4).

IPC 8 full level
F42D 1/04 (2006.01)

CPC (source: EP)
F42D 1/043 (2013.01)

Citation (search report)
• [Y] US 6123025 A 20000926 - JACOB MERRITT [GB], et al
• [Y] WO 2005111534 A1 20051124 - ESPANOLA EXPLOSIVOS [ES], et al
• [Y] WO 02101322 A1 20021219 - GNASCHWITZ SPRENGSTOFFWERK [DE]
• [Y] EP 0671580 A1 19950913 - BUNDY INT LTD [GB]
• [Y] US 2004055494 A1 20040325 - O'BRIEN JOHN P [US]
• [YD] US D424155 S 20000502 - LIDMAR ANNELI [SE]
• [E] EP 2349954 A1 20110803 - DAVEY BICKFORD [FR]
• [A] WO 9715538 A1 19970501 - ENSIGN BICKFORD CO [US]

Cited by
CN110729662A

Designated contracting state (EPC)
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 SE SI SK SM TR

Designated extension state (EPC)
AL BA RS

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