

Title (en)  
Connector for detonators

Title (de)  
Verbindungselement für Detonatoren

Title (fr)  
Dispositif de connection pour détonateurs

Publication  
**EP 2284476 A2 20110216 (EN)**

Application  
**EP 09466028 A 20091228**

Priority  
• CZ 2009543 A 20090812  
• CZ 2009544 A 20090812

Abstract (en)  
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 (applicant)  
• US D443331 S 20010605 - LIDMAR ANNELI [SE]  
• US D424155 S 20000502 - LIDMAR ANNELI [SE]  
• US 6425332 B1 20020730 - CAPERS JOHN [US], et al  
• US 2002073870 A1 20020620 - CAPERS JOHN [US], et al

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

DOCDB simple family (publication)  
**EP 2284476 A2 20110216; EP 2284476 A3 20140226**

DOCDB simple family (application)  
**EP 09466028 A 20091228**