

Title (en)
SAFETY AND ARMING ARRANGEMENTS FOR UNDERWATER FUZES

Publication
EP 0075496 B1 19850502 (FR)

Application
EP 82401552 A 19820819

Priority
FR 8116747 A 19810903

Abstract (en)
[origin: EP0075496A1] 1. Safety and arming device for priming of undersea charges, notably military, of a type in which a pressure-sensitive detection device (5) is mobile between a first position that it takes when said device is under the effect of atmospheric pressure and a second position at which priming takes place, said device including switch component (4) for the pyrotechnical chain (42, 43, 45) which in a first safety position locking said detection device when not in its second position forms a screen across said pyrotechnical chain and when in a second arming position that it acquires when said detection device reaches its second position releases said pyrotechnical chain with the switch component of this chain free to move from its second position to a third, neutral position, while said detection device returns from its second position to its first position, with said pyrotechnical switch component again acting as a screen across the pyrotechnical chain in its third position, device characterized by the fact that it is arranged such that the switch component of said chain cannot be released from this third position unless done so manually, regardless of any later motion of said detection device.

IPC 1-7
F42C 15/10; **F42C 15/18**

IPC 8 full level
F42C 14/04 (2006.01); **F42C 15/188** (2006.01); **F42C 15/44** (2006.01)

CPC (source: EP)
F42C 14/045 (2013.01); **F42C 15/188** (2013.01); **F42C 15/44** (2013.01)

Cited by
EP0211709A1; FR2584809A1; EP0227919A1; US4726294A; US7387156B2; EP3705838A1; WO2020178292A1; US11692800B2

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