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(71) Applicant: **LEONARDO S.P.A.** [IT/IT]; Piazza Monte
Grappa, 4, 00195 ROMA (IT).

(72) Inventors: **PAOLI, Giacomo**; c/o LEONARDO - SOCIETA' PER AZIONI DIVISIONE SISTEMI DI DIFESA, Via di Levante, 48, 57124 LIVORNO (IT). **BONDI, Filippo Maria**; c/o LEONARDO - SOCIETA' PER AZIONI DIVISIONE SISTEMI DI DIFESA, Via di Levante, 48, 57124 LIVORNO (IT). **NELLI, David**; c/o LEONARDO - SOCIETA' PER AZIONI DIVISIONE SISTEMI DI DIFESA, Via di Levante, 48, 57124 LIVORNO (IT).

(74) Agent: **STUDIO TORTA S.P.A.**; Via Viotti, 9, 10121 TORINO (IT).

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(54) Title: TORPEDO PROVIDED WITH A SAFETY ARMING SYSTEM

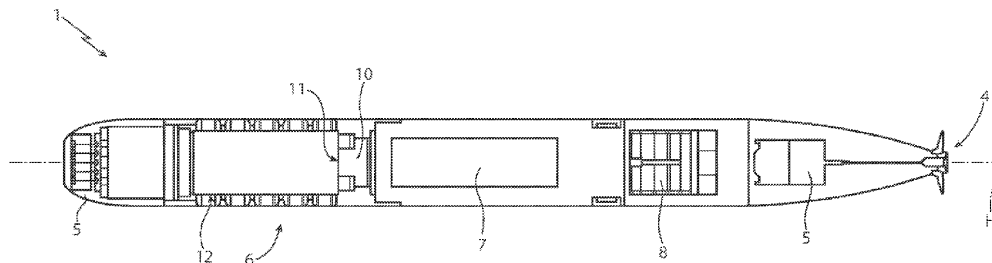


FIG. 1

(57) Abstract: Torpedo (1), wherein an explosive warhead (6) comprises three explosive components: a detonator (10) which receives an activation command; a booster explosive (11) which is detonated by the detonator (10); and a main explosive (12) which explodes following the explosion of the booster (11). The three explosive components (10, 11 and 12) are alternately available in a safety position in which any accidental detonation of the detonator (10) cannot operate the explosion of the main explosive (12) and in an arming position. An electronic control unit (8) or a circuit compares the current absorbed by the motor with a first lower current threshold $I_{mot-low}$ and a second higher current threshold $I_{mot-high}$ so as to carry out the following safety control operations of the warhead (6) if the intensity I_{mot} of the measured current is lower than the first current threshold $I_{mot-low}$ or higher than the second current threshold, the generation and/or transmission of the activation command to the detonator (10) or the arrangement of the three components in the arming position is inhibited.

[Continued on next page]

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