

ABSTRACT**SMART SYSTEM FOR CONTROLLING FUNCTIONS IN A COMBAT VEHICLE****TURRET**

- 5 A system (2) for controlling turret functions in a land-based combat vehicle (4), said control system (2) comprising a control unit (10) which is suitable for computing an augmented view (50) at least based on said images and headset (6) position and orientation data, said augmented view (50) being displayed for the operator (8) by means of said headset (6); characterized in that:
- 10 - said control unit (10) is suitable for determining parameters of a target selected by the operator (8) at least based on eye data, said control unit (10) is configured to compute at least one firing parameter and said control unit (10) is suitable for transmitting the at least one firing parameter to a turret weapon controller (40);
- 15 - said control system (2) includes at least one firing request detector (20) configured to supply a firing request signal by the operator (8).

(FIG 1)