Title (en)

STABILIZING MOUNT FOR HANDS-ON AND REMOTE OPERATION OF CAMERAS, SENSORS, COMPUTER INTELLIGENT DEVICES AND WEAPONS

Title (de)

STABILISIERUNGSHALTERUNG ZUR HAND- UND FERNBEDIENUNG VON KAMERAS, SENSOREN, INTELLIGENTEN COMPUTERVORRICHTUNGEN UND WAFFEN

Title (fr)

MONTURE DE STABILISATION DESTINEE AU MANIEMENT MANUEL ET A DISTANCE DE CAMERAS, CAPTEURS, DISPOSITIFS INFORMATIQUES INTELLIGENTS ET D'ARMES

Publication

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Application

EP 06849684 A 20060131

Priority

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- US 34371106 A 20060130

Abstract (en)

[origin: WO2007086874A2] A stabilizing mount system for cameras, sensors and weapons. This invention stabilizes payloads such as cameras sensors and weapons on moving vehicles such as HMMWVs, (military Humvees) off-road vehicles, boats aircraft and unmanned vehicles. The stabilizing mount system allows hands-on control of the payload device such as the camera or weapon while the stabilization is active. This includes allowing a gunner of a crew served weapon to free-gun or have hands-on control to operate the weapon while the weapon is being actively stabilized. The invention has various modes including target lock. Cameras and sensors are also stabilized and provide a useable output for a remote operator or artificially intelligent computer.

IPC 8 full level

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CPC (source: EP US)

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