

Title (en)
INTEGRATION OF A LARGE CALIBRE GUN ON A SHIP

Title (de)
INTEGRATION EINES GROSSKALIBRIGEN GESCHÜTZES AUF EINEM SCHIFF

Title (fr)
INTEGRATION D'UN CANON A GROS CALIBRE SUR UN NAVIRE

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Application
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Abstract (en)
[origin: WO2004048878A1] Fire support of amphibic operations is important in order to meet existing military requirements for the use of military ships in coastal areas. Hitherto, guns used on ships had an amunition calibre of 127 mm (maximum) and a range of 15-18 kms. The aim of the invention is to integrate the tower (3) and the weaponry (15) of a large-calibre land gun (1), preferably the gun (1) of a tank howitzer i.e.155mm, on a ship (2). The gun (1) can be integrated in the form of a module into an existing deck structure of the ship (1). Shock-absorbing bearing elements (5) are used inbetween the deck (7) and the slewing rim (12) of the tower to enable the existing steel structure of the ship (2) to resist increased recoil forces. The large-calibre ship gun can transport different types of ammunition and carrier projectiles over a distance of more than 40 kms into the target area. By using land gun technology, e.g. the weaponry (15) of 155 mm tank howitzers, said guns (1) are no longer affected by ship-based disruptions.

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