

Title (en)

GATE OPERATION CONTROL DEVICE

Title (de)

STEUERVORRICHTUNG FÜR DIE BEWEGUNG VON TÜREN

Title (fr)

DISPOSITIF DE CONTROLE DE LA CINEMATIQUE DE PORTES

Publication

EP 0759870 B1 20000112 (FR)

Application

EP 96906796 A 19960307

Priority

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Abstract (en)

[origin: US5809927A] PCT No. PCT/FR96/00358 Sec. 371 Date Nov. 14, 1996 Sec. 102(e) Date Nov. 14, 1996 PCT Filed Mar. 7, 1996 PCT Pub. No. WO96/28342 PCT Pub. Date Sep. 9, 1996The invention relates to a device for controlling the kinematics of pivoting elements designed to open substantially simultaneously to allow a clear passage of a weapon in a weapon launch tube equipped with a weapon launch circuit via an air distributor on board a submarine. The invention includes on the axis of rotation of each pivoting element and on the axis of rotation of a rotary element connected to the air distributor, a mechanism for converting a rotation into a translation, a mechanism for converting a translation into a rotation, and an associated mechanism for quantifying these conversions. The mechanism for converting a translation into a rotation on the axis of rotation of the rotary element is activated by the mechanism for converting a rotation into a translation on the axis of rotation of each pivoting element in association with the quantification mechanisms.

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