

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
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Application
EP 96906796 A 19960307

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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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