Title (en)

BRAKE MECHANISM FOR A DEPLOYABLE WING AND GUIDED MISSILE THEREWITH

Publication

EP 0275766 B1 19900829 (FR)

Application

EP 87402911 A 19871218

Priority

FR 8618084 A 19861223

Abstract (en)

[origin: US4852828A] The device of the invention provides for the substantially constant unfolding of unfoldable fins on a guided missile without damaging the bearing structure or the fin itself. The device comprises a deformation part placed around a bearing neck that is joined to the fin. Means are used to convert the rotational kinetic energy due to the unfolding of the fin into translational energy. These means comprise, in particular, a compression ring which is displaced and compresses the deformation part in conjunction with the rotation of the bearing neck due to the unfolding of the fin. The invention can be used in missiles, self-propelled rockets and similar devices.

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IPC 8 full level

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