

Title (en)
RUDDER MACHINERY

Title (de)
RUDERMECHANISMUS

Title (fr)
MÉCANISME DE VOLET DE DIRECTION

Publication
EP 2310796 A4 20130529 (EN)

Application
EP 08876552 A 20080707

Priority
SE 2008050843 W 20080707

Abstract (en)
[origin: WO2010005350A1] Rudder machinery for actuating and controlling a rudder in a missile, wherein the rudder comprises a shaft and the machinery as means for rotating the shaft comprises at least one linear electric motor, each motor having a magnetic circuit fixedly mounted on the missile and a mobile coil connected to the shaft, such that a current passing through the coil will result in a force acting on the coil, the coil moving to push or pull the shaft, the direction and magnitude of the force being determined by the magnitude and direction of the electrical current in the coil.

IPC 8 full level
F42B 10/64 (2006.01)

CPC (source: EP)
F42B 10/64 (2013.01)

Citation (search report)

- [I] EP 0628783 A1 19941214 - AEROSPATIALE [FR]
- [A] US 5204573 A 19930420 - BEDERSON BENJAMIN B [US], et al
- [A] US 3843075 A 19741022 - WEBER T, et al
- [A] US 4560121 A 19851224 - TERP LESLIE S [US]
- [A] LINMOT INC: "LinMot Databook", 15 October 2006 (2006-10-15), XP002695553, Retrieved from the Internet <URL:http://web.archive.org/web/20061015010718/http://www.linmot.com/lm_tpyo/fileadmin/doc/Datasheets/linmot_databook_e_recent.pdf> [retrieved on 20130415]
- See references of WO 2010005350A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
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