

Title (en)
FORCE FEEDBACK MINI-SHAFT FOR ELECTROMAGNETIC CONTROL

Title (de)
KRAFTRÜCKKOPPLUNGS-MINIWELLE FÜR EINE ELEKTROMAGNETISCHE STEUERUNG

Title (fr)
MINI-MANCHE DE COMMANDE ÉLECTROMAGNÉTIQUE À RETOUR D'EFFORT

Publication
EP 2954382 A1 20151216 (FR)

Application
EP 14703335 A 20140205

Priority
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• EP 2014052255 W 20140205

Abstract (en)
[origin: WO2014122176A1] The invention relates to a mini-shaft that comprises: a joystick (2); a hinge part (4) having a first portion (8) having a first magnetic polarity, and a second portion (10) having a second magnetic polarity; a connection between the hinge part (4) and the joystick (2); a first part (12) arranged opposite the first portion (8); a second part (14) arranged opposite the second portion (10); first polarization means (18) enabling the parts (12, 14) to be controlled; sensors of the position of the joystick (2); and control means which perform control on the basis of the measurement signals from the sensors and of a predetermined force feedback rule.

IPC 8 full level
G05G 5/03 (2008.04); **G05G 9/047** (2006.01)

CPC (source: EP US)
G05G 1/04 (2013.01 - US); **G05G 5/03** (2013.01 - EP US); **G05G 9/047** (2013.01 - EP US); **G05G 2009/04766** (2013.01 - EP US)

Citation (search report)
See references of WO 2014122176A1

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FR 1300235 A 20130205; EP 14703335 A 20140205; EP 2014052255 W 20140205; US 201414765668 A 20140205