Title (en)

IMPROVED HAPTIC CONTROLLER

Title (de

VERBESSERTE HAPTISCHE STEUERUNG

Title (fr)

CONTROLEUR HAPTIQUE AMELIORE

Publication

EP 3129981 A2 20170215 (FR)

Application

EP 15720360 A 20150408

Priority

- FR 1453099 A 20140408
- FR 2015050907 W 20150408

Abstract (en)

[origin: WO2015155470A2] The invention relates to a haptic controller (1), including: a base (2); a control member (3), and a control mounting (33) suitable for enabling the application of a variable force at one or more points; a connection member (4) connecting the control member (3) to the base (2), characterised in that two pivots (72, 71) having parallel axes connect the connection member (4) to the base (2) and to the control member (3), the haptic controller (1) further including damping elements (81, 82) arranged between the base (2) and the connection member (4) and between the connection member (4) and the control member (3), respectively, so as to damp the pivoting of the connection member (4) and of the control member (3) during the application of force onto the control mounting (33).

IPC 8 full level

G10H 1/34 (2006.01); G06F 3/0338 (2013.01)

CPC (source: CN EP US)

G08B 6/00 (2013.01 - US); G10H 1/344 (2013.01 - CN EP US); G10H 1/346 (2013.01 - CN EP US); G10H 1/348 (2013.01 - CN EP US); G10H 2220/311 (2013.01 - US)

Citation (search report)

See references of WO 2015155470A2

Designated contracting state (EPC)

ÂL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**FR 3019662 A1 20151009**; **FR 3019662 B1 20160415**; CN 106415708 A 20170215; CN 106415708 B 20200324; EP 3129981 A2 20170215; EP 3129981 B1 20180328; JP 2017518623 A 20170706; JP 6673898 B2 20200325; US 2017024980 A1 20170126; US 9761094 B2 20170912; WO 2015155470 A2 20151015; WO 2015155470 A3 20151210

DOCDB simple family (application)

**FR 1453099 A 20140408**; CN 201580019128 A 20150408; EP 15720360 A 20150408; FR 2015050907 W 20150408; JP 2017504276 A 20150408; US 201515302507 A 20150408