

Title (en)

HAPTIC INTERFACE WITH KINESTHETIC AND VIBROTACTILE STIMULATIONS

Title (de)

HAPTISCHE SCHNITTSTELLE MIT KINÄSTHETISCHEN UND VIBROTAKTILEN STIMULATIONEN

Title (fr)

INTERFACE HAPTIQUE A STIMULATIONS KINESTHÉSIQUE ET VIBROTACTILE

Publication

EP 3516482 A1 20190731 (FR)

Application

EP 17783933 A 20170921

Priority

- FR 1658878 A 20160921
- FR 2017052537 W 20170921

Abstract (en)

[origin: WO2018055294A1] Haptic interface for the control of a system comprising: -a handle (4), -a kinesthetic stimulation device (6, 8) connected mechanically to the handle (4) -a vibrotactile stimulation device comprising three vibrating actuators (A1, A2, A3) generating a vibrotactile stimulation at the level of the handle (4) with the user, the vibrating actuators (A1, A2, A3) being such that each vibrating actuator generates vibrations in a frequency range and/or an amplitude range which are at least in part distinct from those of the other vibrating actuators, -means for measuring a position of the handle (4), -a control unit able to dispatch commands to said kinesthetic stimulation device and to the vibrotactile stimulation device at least as a function of the signals transmitted by the means for measuring the position of the handle and/or of information about the state of the system and/or its environment.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2018055294A1

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