

Title (en)
MAN-MACHINE INTERFACE

Title (de)
MENSCH-MASCHINE-INTERFACE

Title (fr)
INTERFACE HOMME-MACHINE

Publication
EP 2414771 B1 20130828 (FR)

Application
EP 10715962 A 20100323

Priority
• FR 2010050517 W 20100323
• FR 0952060 A 20090331

Abstract (en)
[origin: WO2010112731A2] The invention relates to a human-machine interface (1), including a first body (10), a second body (11) and a controller (12), the first and second bodies (10), (11) being axially linked and rotatably movable, the first body (10) supporting a platform (100), the second body (11) supporting a feeler (110) in contact with the helical platform (100), and the controller (12) including a sensor (120) outputting a signal depending on the position of the feeler (110) on the platform (100). According to the invention, the human-machine interface includes: urging means (13) for applying a resilient bearing force in order to urge the feeler (110) and the platform (100); the first and second bodies (10), (11) not being axially translatable; and one of the elements consisting of the feeler (110) and the platform (100) being mounted so as to be axially slidable relative to the first and second bodies (10), (11).

IPC 8 full level
G01B 7/30 (2006.01); **G10H 1/34** (2006.01)

CPC (source: EP US)
G10H 1/34 (2013.01 - EP US); **G10H 2220/221** (2013.01 - EP US); **G10H 2220/521** (2013.01 - EP US)

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 MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
FR 2943805 A1 20101001; CA 2756103 A1 20101007; EP 2414771 A2 20120208; EP 2414771 B1 20130828; US 2012103173 A1 20120503; WO 2010112731 A2 20101007; WO 2010112731 A3 20101125

DOCDB simple family (application)
FR 0952060 A 20090331; CA 2756103 A 20100323; EP 10715962 A 20100323; FR 2010050517 W 20100323; US 201013262452 A 20100323