

Title (en)

HUMAN-MACHINE INTERFACE, IN PARTICULAR FOR A VEHICLE OR FOR A DEVICE

Title (de)

MENSCH-MASCHINE-SCHNITTSTELLE, INSBESONDERE FÜR EIN FAHRZEUG ODER FÜR EIN GERÄT

Title (fr)

INTERFACE HOMME-MACHINE, NOTAMMENT POUR UN VEHICULE OU POUR UN DISPOSITIF

Publication

**EP 4268044 A1 20231101 (FR)**

Application

**EP 21851683 A 20211216**

Priority

- FR 2013953 A 20201222
- FR 2021052355 W 20211216

Abstract (en)

[origin: CA3202189A1] The invention relates to a human-machine interface (1), in particular for a vehicle or for a device, comprising at least one gripping element (10) comprising at least one transducer transmitting a command depending on at least one item of input information. The human-machine interface (1) comprises at least one sensor and calculation means configured to determine a position of at least one interaction surface for interaction between an operator and the gripping element, the calculation means also being configured to determine whether the command is intentional by determining whether at least one first predefined surface lies at least partially within the interaction surface, so as to authorise the transmission of the command by the human-machine interface when it is determined that the command is intentional.

IPC 8 full level

**G05G 9/047** (2006.01); **G05G 5/00** (2006.01)

CPC (source: EP US)

**B64C 13/0421** (2018.01 - EP); **G05G 5/005** (2013.01 - EP); **G05G 9/047** (2013.01 - US); **G05G 25/00** (2013.01 - US); **B62D 1/046** (2013.01 - EP); **B62D 1/12** (2013.01 - EP); **G05G 2009/04774** (2013.01 - EP US)

Designated contracting state (EPC)

AL 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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**FR 3117997 A1 20220624**; CA 3202189 A1 20220630; EP 4268044 A1 20231101; US 2024045462 A1 20240208; WO 2022136771 A1 20220630

DOCDB simple family (application)

**FR 2013953 A 20201222**; CA 3202189 A 20211216; EP 21851683 A 20211216; FR 2021052355 W 20211216; US 202118268963 A 20211216