

Title (en)
SYSTEM FOR HUMAN-COMPUTER INTERFACING

Title (de)
SYSTEM FÜR EINE MENSCH-COMPUTER-SCHNITTSTELLE

Title (fr)
SYSTÈME D'INTERFAÇAGE HOMME-ORDINATEUR

Publication
EP 3555733 A1 20191023 (EN)

Application
EP 17880897 A 20171218

Priority
• US 201662435579 P 20161216
• US 201715476732 A 20170331
• US 2017067064 W 20171218

Abstract (en)
[origin: WO2018112466A1] One variation of a system for interfacing a computer system and a user includes: a touch sensor defining a touch sensor surface and extending over an array of sense electrode and drive electrode pairs; a vibrator coupled to the touch sensor surface; and a controller configured to: detect application of an input onto the touch sensor surface and a force magnitude of the first input at a first time; execute a down-click cycle in response to the force magnitude exceeding a threshold magnitude by driving the vibrator to oscillate the touch sensor surface; map a location of the input on the touch sensor surface to a key of a keyboard represented by the touch sensor surface; and output a touch image representing the key and the force magnitude of the input on the touch sensor surface at approximately the first time.

IPC 8 full level
G06F 3/041 (2006.01); **B06B 1/06** (2006.01); **G06F 3/01** (2006.01)

CPC (source: EP)
G06F 3/016 (2013.01); **G06F 3/045** (2013.01); **B06B 1/00** (2013.01)

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

DOCDB simple family (publication)
WO 2018112466 A1 20180621; CN 110291492 A 20190927; EP 3555733 A1 20191023; EP 3555733 A4 20200805

DOCDB simple family (application)
US 2017067064 W 20171218; CN 201780085618 A 20171218; EP 17880897 A 20171218