

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)  
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