Title (en)
MULTIPLEXED NUMERIC KEYPAD AND TOUCHPAD

Title (de)
MULTIPLEX-NUMMERNBLOCK UND TOUCHPAD

Title (fr)
PAVÉ NUMÉRIQUE ET BLOC À EFFLEUREMENT MULTIPLEXÉS

Publication
EP 2646893 A2 20131009 (EN)

Application
EP 11844754 A 20111130

Priority
- US 41827910 P 20101130
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Abstract (en)
[origin: WO2012075197A2] A touch-sensitive display surface having touch-capacitive and vibration sensors. This surface allows the user to rest their fingers on the keys of an onscreen keyboard and type as they would on a regular keyboard. As the user places their fingers on the touch screen, the system relocates the onscreen keyboard to the location where the fingers are resting. The touch sensors report the signal strength level of each key touched to a processor, but no keystroke is issued by the processor until a corresponding "tap" (i.e., vibration) is detected. When a tap is detected, the processor references the status of the touch capacitance sensors before, during, and/or immediately after the moment in time the tap occurred. The size, position, and orientation of the onscreen keyboard keys are dynamically set as determined by the user initiating a home-row definition event by resting their fingers momentarily on a virtual home-row.

IPC 8 full level
G06F 3/01 (2006.01); **G06F 3/02** (2006.01); **G06F 3/041** (2006.01)

CPC (source: CN EP US)
G06F 3/016 (2013.01 - CN EP US); **G06F 3/0237** (2013.01 - CN EP); **G06F 3/0414** (2013.01 - CN); **G06F 3/04883** (2013.01 - CN EP); **G06F 3/04886** (2013.01 - CN EP); **G06F 3/04895** (2013.01 - CN EP); **G06F 3/14** (2013.01 - CN EP); G09G 2354/00 (2013.01 - EP)

Citation (search report)
See references of WO 2012075199A2

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

DOCDB simple family (publication)
WO 2012075197 A2 20120607; **WO 2012075197 A3 20121004**; CN 103443744 A 20131211; CN 103443744 B 20160608; CN 106201324 A 20161207; CN 106201324 B 20191213; EP 2646893 A2 20131009; EP 2646894 A2 20131009; JP 2014514785 A 20140619; JP 2015232889 A 20151224; JP 5782133 B2 20150924; JP 6208718 B2 20171004; KR 101578769 B1 20151221; KR 20140116785 A 20141006; WO 2012075199 A2 20120607; WO 2012075199 A3 20120927

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