

Title (en)

TACTILE FEEDBACK FOR KEY SIMULATION IN TOUCH SCREENS

Title (de)

TASTRÜCKMELDUNG ZUR TASTENSIMULATION IN BERÜHRUNGSSCHIRMEN

Title (fr)

RÉTROACTION TACTILE POUR UNE SIMULATION DE TOUCHE SUR DES ÉCRANS TACTILES

Publication

EP 2327004 A4 20130123 (EN)

Application

EP 09799905 A 20090722

Priority

- CA 2009001038 W 20090722
- US 8308708 P 20080723
- US 39495109 A 20090227

Abstract (en)

[origin: WO2010009552A1] A method includes displaying an image of a key on a touch-sensitive display and detecting a touch on the touch-sensitive display at a first location. When the first location is located in a predetermined area related the key, tactile feedback is provided that simulates a characteristic of a physical key. The touch-sensitive display may be part of a portable electronic device.

IPC 8 full level

G06F 3/01 (2006.01); **G06F 3/048** (2013.01); **G06F 15/02** (2006.01); **H04W 88/02** (2009.01)

CPC (source: EP KR)

G02F 1/13338 (2013.01 - KR); **G06F 3/016** (2013.01 - EP KR); **G06F 3/041** (2013.01 - KR); **G06F 3/04886** (2013.01 - EP KR); **G06F 3/14** (2013.01 - KR); **G06F 15/0225** (2013.01 - EP KR); **H04M 1/72436** (2021.01 - KR); **G02F 1/13338** (2013.01 - EP); **H04M 1/72436** (2021.01 - EP); **H04M 2250/22** (2013.01 - EP KR)

Citation (search report)

- [X] WO 2006042309 A1 20060420 - IMMERSION CORP [US], et al
- [X] US 2007236474 A1 20071011 - RAMSTEIN CHRISTOPHE [US]
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- [X] US 2004108995 A1 20040610 - HOSHINO TAKESHI [JP], et al
- [A] US 2003197687 A1 20031023 - SHETTER MARTIN [US]
- See references of WO 2010009552A1

Designated contracting state (EPC)

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