

Title (en)  
A MINIATURE KEYBOARD FOR A PERSONAL DIGITAL ASSISTANT AND AN INTEGRATED WEB BROWSING AND DATA INPUT DEVICE

Title (de)  
MINIATURTASTATUR FÜR EINEN PERSÖNLICHEN HILFSRECHNER UND EINEM MIT EINEM EINGABEGERÄT INTEGRIERTEN WEB-BROWSER

Title (fr)  
CLAVIER MINIATURE POUR ASSISTANT PERSONNEL NUMERIQUE ET DISPOSITIF INTEGRE DE NAVIGATION SUR LE WEB ET D'INTRODUCTION DE DONNEES

Publication  
**EP 1214786 A4 20030514 (EN)**

Application  
**EP 00961611 A 20000907**

Priority  
• US 0024494 W 20000907  
• US 15264999 P 19990907

Abstract (en)  
[origin: WO0118966A1] A miniature keyboard (10) that operates by utilizing a finger to touch a capacitance sensitive touchpad. A touchpad is divided up into predefined zones (12) that are assigned to be the desired characters on a keyboard. The touchpad is relatively small so that it can be coupled to an information appliance and operated in the manner that is customary for the device.

IPC 1-7  
**H03K 17/94**; **H03M 11/00**; **G09G 5/00**; **G06K 11/06**; **G08C 21/00**; **H04B 7/15**

IPC 8 full level  
**G06F 15/02** (2006.01); **G06F 3/02** (2006.01); **G06F 3/023** (2006.01); **G06F 3/0354** (2013.01); **G06F 3/041** (2006.01); **G06F 3/0488** (2013.01); **G06F 3/16** (2006.01); **H03K 17/98** (2006.01); **H03M 11/04** (2006.01)

CPC (source: EP)  
**G06F 3/0219** (2013.01); **G06F 3/03547** (2013.01); **G06F 3/0488** (2013.01); **G06F 3/16** (2013.01); **G06F 2203/04809** (2013.01)

Citation (search report)  
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• [X] FR 2632745 A1 19891215 - ALSTHOM CGEE [FR]  
• [A] WO 9602879 A1 19960201 - ELONEX TECHNOLOGIES INC [US]  
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• [A] POTOSNAK K M: "KEYS AND KEYBOARDS", HANDBOOK OF HUMAN - COMPUTER INTERACTION, AMSTERDAM, ELSEVIER, NL, 1988, pages 475 - 494, XP000482576, ISBN: 0-444-70536-8  
• See references of WO 0118966A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**WO 0118966 A1 20010315**; AU 7354000 A 20010410; CA 2385542 A1 20010315; CN 1378718 A 20021106; EP 1214786 A1 20020619; EP 1214786 A4 20030514; JP 2003509755 A 20030311

DOCDB simple family (application)  
**US 0024494 W 20000907**; AU 7354000 A 20000907; CA 2385542 A 20000907; CN 00814084 A 20000907; EP 00961611 A 20000907; JP 2001522670 A 20000907