

Title (en)

TOUCH SCREEN BASED UPON TOPOLOGICAL MAPPING

Title (de)

TASTSCHIRM BASIERT AUF TOPOLOGISCHER ABBILDUNG

Title (fr)

ECRAN TACTILE REALISE SUR LA BASE D'UNE CARTOGRAPHIE TOPOGRAPHIQUE

Publication

**EP 1010156 A4 20020227 (EN)**

Application

**EP 97946486 A 19971029**

Priority

- US 9720001 W 19971029
- US 2950296 P 19961029
- US 5258197 P 19970715

Abstract (en)

[origin: WO9819283A1] A new touch screen based upon the mapping of coordinates from an equipotential (32) space defined by a simple set of screen electrodes to some other more useful coordinates, such as Cartesian. The key idea is that unique coordinate mapping can be achieved with each sensing pair of electronic readings.

IPC 1-7

**G06K 11/12**

IPC 8 full level

**G06F 3/033** (2006.01); **G06F 3/045** (2006.01)

CPC (source: EP)

**G06F 3/045** (2013.01)

Citation (search report)

- [X] US 4650926 A 19870317 - NAKAMURA SHOICHIRO [US], et al
- [X] US 4752655 A 19880621 - TAJIRI TETSUO [JP], et al
- [X] PATENT ABSTRACTS OF JAPAN vol. 017, no. 296 (P - 1551) 7 June 1993 (1993-06-07)
- See references of WO 9819283A1

Cited by

US7180508B2

Designated contracting state (EPC)

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**WO 9819283 A1 19980507**; EP 1010156 A1 20000621; EP 1010156 A4 20020227

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