

Title (en)
IMAGE CAPTURE AND HAPTIC INPUT DEVICE

Title (de)
BILDAUFNAHMEVERFAHREN UND HAPTISCHES EINGABEGERÄT

Title (fr)
DISPOSITIF DE CAPTURE D'IMAGES ET DE SAISIE HAPTIQUE

Publication
EP 2069889 A2 20090617 (FR)

Application
EP 07823674 A 20070731

Priority
• FR 2007051762 W 20070731
• FR 0653261 A 20060803

Abstract (en)
[origin: WO2008015365A2] The invention concerns an image capture and haptic input device. The device comprises at least one image sensor and haptic input means. The invention is characterized in that the image sensor is surrounded by the haptic input means. The latter can comprise discrete touch sensors distributed in a circle around the image sensor or in a matrix at the center of which the image sensor is positioned. The device can also comprise rows of touch sensors positioned offset from each other so that the touch sensors are staggered. In that case, the device comprises several image sensors positioned in interstices between the touch sensors. Instead of discrete touch sensors, the device can comprise a deformable sensitive membrane in the center of which an image sensor is positioned.

IPC 8 full level
G06F 3/01 (2006.01)

CPC (source: EP US)
G06F 3/016 (2013.01 - EP US); **H04M 1/72439** (2021.01 - EP US); **H04N 1/00411** (2013.01 - EP US); **H04N 1/0035** (2013.01 - EP US)

Citation (search report)
See references of WO 2008015365A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
WO 2008015365 A2 20080207; WO 2008015365 A3 20080410; EP 2069889 A2 20090617; US 2009189874 A1 20090730

DOCDB simple family (application)
FR 2007051762 W 20070731; EP 07823674 A 20070731; US 37573607 A 20070731