

Title (en)
SENSING DEVICE HAVING CAPACITIVE FORCE SENSOR

Title (de)
MESSANORDNUNG MIT EINEM KAPAZITIVEN KRAFTSENSOR

Title (fr)
DISPOSITIF DE DÉTECTION À CAPTEUR DE FORCE CAPACITIF

Publication
EP 2140396 A1 20100106 (EN)

Application
EP 08714484 A 20080410

Priority
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• AU 2007911260 A 20070411

Abstract (en)
[origin: CA2681014A1] A sensing device is provided for interacting with a substrate. The sensing device has a force sensor for detecting whether the sensing device is interacting with the substrate and an image sensor for sensing coded data disposed on the substrate. The force sensor has a capacitive sensor circuit incorporating a sensor capacitor having variable capacitance C_{sen} arranged so that an output of the capacitive sensor circuit is proportional to $1/C_{sen}$.

IPC 8 full level
G06K 7/08 (2006.01); **G06K 7/10** (2006.01)

CPC (source: EP KR)
G01D 5/3473 (2013.01 - EP KR); **G01D 5/34746** (2013.01 - EP KR); **G01L 1/144** (2013.01 - KR); **G01L 1/146** (2013.01 - EP KR); **G06F 3/0321** (2013.01 - EP KR); **G06F 3/03545** (2013.01 - EP KR); **G01D 2205/90** (2021.05 - EP)

Citation (search report)
See references of WO 2008124866A1

Designated contracting state (EPC)
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